

**Air Quality and Greenhouse Gas Emissions
Analysis Technical Report
for the Idaho-Maryland Mine Project
Nevada County, California**

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
AAQS	ambient air quality standards
AB	Assembly Bill
ADMP	Asbestos Dust Mitigation Plan
APM	Applicant Proposed Measure
ATCM	Airborne Toxic Control Measure
BAAQMD	Bay Area Air Quality Management District
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CAP	Climate Action Plan
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
County	Nevada County
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EAP	Energy Action Plan
EO	Executive Order
EPA	U.S. Environmental Protection Agency
GHG	greenhouse gas
GWP	global warming potential
HAP	hazardous air pollutant
HFC	hydrofluorocarbon
hp	horsepower
HRA	health risk assessment
LCFS	Low Carbon Fuel Standard
MCAB	Mountain Counties Air Basin
MM	Mitigation Measure
MMT	million metric tons
MT	metric ton
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCTC	Nevada County Transportation Commission
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NID	Nevada Irrigation District
NO	nitric oxide

Acronym/Abbreviation	Definition
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NSAQMD	Northern Sierra Air Quality Management District
O ₃	ozone
PCAPCD	Placer County Air Pollution Control District
PFC	perfluorocarbon
PG&E	Pacific Gas & Electric
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to 10 microns
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PRC	California Public Resources Code
project	Idaho-Maryland Mine Project
Rise	Rise Grass Valley Inc.
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SF ₆	sulfur hexafluoride
SLCP	Short-Lived Climate Pollutant
SMAQMD	Sacramento Metropolitan Air Quality Management District
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
VMT	vehicle miles traveled
VOC	volatile organic compound

Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the Idaho-Maryland Mine Project (project) located within Nevada County. This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.). Construction and operational criteria air pollutants, GHG emissions, and toxic air contaminants (TACs) were estimated based on a spreadsheet model that incorporated emission factors from the California Air Resources Board's OFFROAD2011 model for diesel-fueled off-road equipment, the California Air Resources Board's Mobile Source Emissions Inventory Model (EMFAC, version 2017) model for on-road vehicles, and factors from the Environmental Protection Agency's AP-42 and the California Emissions Estimator Model (CalEEMod) for all other sources.

Project Overview

The project site is located in western unincorporated Nevada County, California. The project would consist of the construction and operation of a gold mine. The above-ground facilities would be constructed to provide the infrastructure necessary to support dewatering, underground mining, ore and rock processing, and loading and transport off site. Engineered fill would be produced from the mine tailings and rock, which would be used as engineered fill on the Centennial Industrial Site and the Brunswick Industrial Site, as well as exported to support local construction projects.

Air Quality

The air quality impact analysis herein evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the Northern Sierra Air Quality Management District's (NSAQMD) mass daily criteria air pollutant thresholds of significance (NSAQMD 2019a). Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include reactive organic gases (ROG), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10} , and $PM_{2.5}$. ROG and NO_x are important because they are precursors to O_3 .

Air Quality Plan Consistency

The general criteria for determining if a project would conflict with or obstruct implementation of an Ozone Attainment Plan are (1) whether the project would exceed the NSAQMD CEQA thresholds of significance for O_3 precursors (ROG and NO_x) and could delay the timely attainment of the ambient air quality standards or interim emission reductions of the Ozone Attainment Plan, and/or (2) whether the project would result in demographic growth that would exceed the forecasts included in the Ozone Attainment Plan.

The project would not result in regional growth that is not accounted for within the Ozone Attainment Plan (NSAQMD 2018). However, per the NSAQMD, unmitigated project-generated criteria air pollutant emissions that are greater than zero (i.e., at Levels A, B, or C) are potentially significant and require mitigation. The NSAQMD has established numeric thresholds for ROG, NO_x , and PM_{10} . As presented in Threshold AQ-2, after implementation of mitigation,

emissions of ROG, NO_x, and PM₁₀ would be considered less than significant and would not conflict or obstruct implementation of the Ozone Attainment Plan.

Criteria Air Pollutant Emissions

For purposes of estimating project emissions, construction of the project is anticipated to occur over 12 months, from January 2021 through December 2021. Sources of air pollutant emissions during construction would include exhaust from off-road equipment and on-road vehicles (i.e., trucks and worker vehicles), fugitive dust associated with grading and material handling, and ROG off-gassing from architectural coatings and asphalt paving. Many of the operational sources of air pollutant emissions would be similar to construction, and would include off-road equipment (surface and underground), on-road vehicles, underground blasting and crushing, ore processing, reagent storage, fuel tank storage, earthwork and material handling, architectural coatings for repainting, and worker consumer products.

During construction and operations, daily unmitigated emissions of ROG, NO_x, and PM₁₀ would be potentially significant (Level A or B) according to the NSAQMD significance criteria; therefore, mitigation is required. The NSAQMD does not have significance criteria for SO₂, CO, or PM_{2.5}. According to NSAQMD guidance, emissions exceeding the Level A significance threshold would contribute to existing nonattainment conditions and may also interfere with the region's ability to maintain ambient air quality standards if no mitigation is implemented. Per the NSAQMD, implementation of recommended mitigation measures for Level A and B thresholds would reduce project impacts from potentially significant to less than significant. Thus, ROG, NO_x, and PM₁₀ would be at either Level A or B and would be less than significant during all years of project construction and operation after mitigation. Because construction and operation of the project would not exceed the NSAQMD significance thresholds for ROG, NO_x, or PM₁₀, and because the NSAQMD thresholds are based on levels that the MCAB can accommodate without affecting the attainment date for the Ambient Air Quality Standards (AAQS) (the AAQS are established to protect public health and welfare), it is anticipated that the project would result in less-than-significant health effects associated with ROG, NO_x, and PM₁₀.

Exposure of Sensitive Receptors

Project construction and operation activities would produce TAC emissions due to equipment, haul truck trips, and mining and soil movement. These emissions could result in elevated concentrations of TAC emissions at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. In an abundance of caution, the health risk assessment conducted conservatively included emergency generator use based on Pacific Gas & Electric's (PG&E's) recent Public Safety Power Shutoffs during high winds for 24 hours per day, for up to 9 days per year, during construction and operations to reflect potential power outages. Potential cancer risk, as well as chronic and acute health risks would be less than significant without mitigation. However, implementation of MM-AQ-2 would further reduce health risk. Also, since asbestos was found in lab samples from the mine, an Asbestos Dust Mitigation Plan (MM-AQ-3) would be required to limit potential exposure.

In regards to localized CO hotspots, the project would result in a minimal addition of on-road vehicles at proximate intersections. This impact would be less than significant without mitigation.

Odors

Land uses and industrial operations that typically are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, solid waste transfer stations, rendering plants, dairies, and fiberglass molding. The project does not propose the aforementioned odor-generating land uses and would not result in odors that would adversely affect a substantial number of people. This impact would be less than significant.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). GHG emissions are measured in metric tons (MT) of CO₂ equivalent (CO₂e), which accounts for weighted global warming potential factors for CH₄ and N₂O.

Project-Generated Construction and Operational Greenhouse Gas Emissions

Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Additionally, GHG emissions would be associated with electricity supplied by PG&E for the underground mine equipment, water treatment, and raise boring. Sources of GHG emissions generated during project operations would include off-road equipment, on-road vehicles, underground blasting, electricity use associated with facility consumption, Nevada Irrigation District conveyance of water to residences along the potable water line, septic field treatment of wastewater, and solid waste. During potential power outages, diesel generators would be used as emergency backup for line power to support construction and operations.

At this time, neither the NSAQMD nor the County has adopted numerical thresholds of significance for GHG emissions that would apply to the project. The NSAQMD, however, recommends that all projects subject to CEQA review be considered in the context of GHG emissions and climate change impacts, and that CEQA documents include a quantification of GHG emissions from all project sources, as well as minimize GHG emissions as feasible. The NSAQMD has also indicated that project emissions of GHGs can be compared to thresholds adopted by other air districts based on substantial evidence, in order to provide additional information and context around the level of GHG emissions (NSAQMD 2019b). Since the project is an industrial project and includes stationary sources, the project's GHG emissions were compared to a 10,000 MT CO₂e per year quantitative threshold, which has been adopted by multiple air districts throughout California.

The project would not exceed the applied threshold of 10,000 MT CO₂e per year during construction or operations. Therefore, the impact of the project related to GHGs would be less than significant.

Consistency with Applicable Greenhouse Gas Reduction Plans

Nevada County adopted an Energy Action Plan in February 2019, which includes goals to accelerate energy efficiency, renewable energy, and water efficiency projects by residents, businesses, and public agencies. However, the Energy Action Plan is not a Qualified GHG Emissions Reduction Plan under CEQA per the requirements outlined

in the CEQA Guidelines, Section 15183.5(D); therefore, no CEQA document can tier from the Nevada County Energy Action Plan. As such, there are no mandatory GHG plans, policies, or regulations that would apply to implementation of the project. Nonetheless, the project would comply with the applicable strategies of the Energy Action Plan, as well as the growth assumptions included in the 2015–2035 Nevada County Regional Transportation Plan. In addition, to the extent these regulations are applicable to the project, the project would comply with all applicable regulations adopted in furtherance of the California Air Resources Board’s Climate Change Scoping Plan and subsequent updates, as well as other GHG reduction regulations, to the extent required by law. As such, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and this impact would be less than significant; no mitigation is required.

1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Idaho-Maryland Mine Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), and is based on the emissions-based significance thresholds established by the Northern Sierra Air Quality Management District (NSAQMD).

This introductory section provides a description of the project. Chapter 2, Air Quality, describes the air quality-related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 2, and similarly describes the GHG emissions-related environmental setting, regulatory setting, existing climate changes conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, References Cited, includes a list of the sources cited in this technical report, and Chapter 5, List of Preparers, includes a list of those who prepared this technical report.

1.2 Project Description

Rise Grass Valley Inc. (Rise) proposes to reinitiate underground mining and ore processing of the Idaho-Maryland Mine in unincorporated Nevada County (County). The proposed facilities and operations would be located on two properties owned by Rise, referred to as the Brunswick Industrial Site and the Centennial Industrial Site. The project would consist of five primary elements:

1. Dewatering the existing underground mine workings
2. Mining existing and new underground mine workings
3. Processing gold mineralization and rock
4. Placing engineered fill at the Brunswick and Centennial Industrial Sites
5. Export of engineered fill from the Brunswick Industrial Site to support local construction projects

Rise is seeking approval of a new use permit and reclamation plan to build and operate the facilities for these project elements. This use permit and reclamation plan proposes to allow the following:

- operation of pumps and a water treatment facility to dewater the underground workings;
- construction of a water pipeline to transport treated water to an outfall located in South Fork Wolf Creek;
- construction of the necessary aboveground facilities at the Brunswick Industrial Site (e.g., headframes and hoists, surface structures, a mineral processing plant) to support underground mining and mineral processing;
- construction of a new service shaft and ventilation shaft from the underground mine to the surface at the Brunswick Industrial Site;
- underground mining, including drilling, blasting, and gold mineralization removal;
- gold mineralization and rock processing at the Brunswick Industrial Site and off-site transport of gold concentrate;

- transport of engineered fill from the Brunswick Industrial Site and placement at the Centennial Industrial Site;
- transport of engineered fill from the Brunswick Industrial Site to off-site construction projects;
- placement of engineered fill at the Brunswick Industrial Site; and
- construction of a potable water pipeline to supply residences along a portion of East Bennett Road.

The majority of aboveground facilities, the access to the underground mining, the treated-water outfall structure, and a portion of the engineered fill will be located on Rise's 119-acre Brunswick Industrial Site. Engineered fill would also be placed on Rise's 56-acre Centennial Industrial Site. Of the total 175 acres in surface land holdings, approximately 104 acres would be disturbed as a result of construction of the facilities proposed to support dewatering, mining, and processing at the Idaho-Maryland Mine. In addition, Rise owns approximately 2,585 acres of subsurface rights that encompass the historic Idaho-Maryland Mine workings and Idaho-Maryland Mine Project. Once the aboveground facilities are constructed, Rise would begin dewatering the mine, performing advanced exploration, and mining the underground workings.

2 Air Quality

2.1 Environmental Setting

2.1.1 Meteorological and Topographical Conditions

Ambient air quality is generally affected by climatological conditions, the topography of the air basin, and the type and amounts of pollutants emitted. The project site is located within the Mountain Counties Air Basin (MCAB). The MCAB includes portions of Amador, Calaveras, El Dorado, Mariposa, Nevada, Placer, Plumas, Sierra, and Tuolumne Counties and is composed of seven air districts. Nevada, Plumas, and Sierra Counties are part of the NSAQMD.

The following description of meteorological and topographical characteristics of Nevada County is from Nevada County's General Plan Air Quality Element (Nevada County 1995):

Nevada County exhibits large variations in terrain and consequently exhibits large variations in climate, both of which affect air quality. The western portions of the County slope relatively gradually with deep river canyons running from southwest to northeast towards the crest of the Sierra Nevada Range. East of the divide, the slope of the Sierra is steeper, but river canyons are relatively shallow. The warmest areas within the County are found at the lower elevations along the west side of the County, while the coldest average temperatures are found at the highest elevations.

The prevailing wind direction over the County is westerly. However, the terrain of the area has a great influence on local winds, so that wide variability in wind direction can be expected. Afternoon winds are generally channeled up-canyon, while nighttime winds generally flow down-canyon. Winds are, in general, stronger in spring and summer and lower in fall and winter. Periods of calm winds and clear skies in fall and winter often result in strong, ground-based inversions forming in mountain valleys. These layers of very stable air restrict the dispersal of pollutants, trapping these pollutants near the ground, representing the worst conditions for local air pollution occurring in the County.

In addition to sources of air pollutants within the County, such as on-road vehicles, off-road equipment, fireplaces/wood stoves, vegetation burning, unpaved roads, and stationary sources, local air quality is also influenced by the transportation of emissions from the Sacramento metropolitan area to the mountainous areas to the east and north (Nevada County 1995).

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or

discomfort. Pollutants of concern include ozone (O₃), nitrogen dioxide (NO₂), carbon monoxide (CO), sulfur dioxide (SO₂), particulate matter with an aerodynamic diameter equal to or less than 10 microns (PM₁₀), particulate matter with an aerodynamic diameter equal to or less than 2.5 microns (PM_{2.5}), and lead. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.¹ In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

Ozone. O₃ is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O₃ precursors. These precursors are mainly oxides of nitrogen (NO_x) and reactive organic gases (ROG) (also referred to as volatile organic compounds [VOCs]). The maximum effects of precursor emissions on O₃ concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O₃ formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O₃ exists in the upper atmosphere O₃ layer (stratospheric O₃) and at Earth's surface in the lower atmosphere (tropospheric O₃).² The O₃ that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O₃ is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O₃. Stratospheric, or "good," O₃ occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O₃ layer, plant and animal life would be seriously harmed.

O₃ in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O₃ can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013). Inhalation of O₃ causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O₃ can reduce the volume of air that the lungs breathe in and cause shortness of breath. O₃ in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O₃ exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O₃ exposure. While there are relatively few studies of O₃'s effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O₃ and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O₃ concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019b).

Nitrogen Dioxide. NO₂ is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO₂ in the atmosphere is the oxidation of the primary air pollutant nitric oxide (NO), which is a colorless, odorless gas. NO_x, which includes NO₂ and NO, plays a major role, together with ROG, in the

¹ The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2018a) and the California Air Resources Board's (CARB) "Glossary" (CARB 2019a), and CARB's "Fact Sheet: Air Pollution Sources, Effects and Control" (CARB 2009).

² The troposphere is the layer of Earth's atmosphere nearest to the surface of Earth, extending outward approximately 5 miles at the poles and approximately 10 miles at the equator.

atmospheric reactions that produce O_3 . NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_2 is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources (such as electric utility and industrial boilers).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards (AAQS) for NO_2 , results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November through February. The highest levels of CO typically occur during the colder months, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, older adults, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels

near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO₂ (above 1 parts per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. Older adults and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019e).

SO₂ is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern because they have increased baseline airflow resistance and because their SO₂-induced increase in resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO₂ is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. PM_{2.5} and PM₁₀ represent fractions of particulate matter. Coarse particulate matter (PM₁₀) is about 1/7 the thickness of a human hair. Major sources of PM₁₀ include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter (PM_{2.5}) is roughly 1/28 the diameter of a human hair. PM_{2.5} results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, PM_{2.5} can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and ROG.

PM_{2.5} and PM₁₀ pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. PM_{2.5} and PM₁₀ can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. PM₁₀ tends to collect in the upper portion of the respiratory system, whereas PM_{2.5} is small enough to penetrate deeper into the lungs and damage lung tissue. Suspended particulates also produce haze and reduce regional visibility and damage and discolor surfaces on which they settle.

A number of adverse health effects have been associated with exposure to PM_{2.5} and PM₁₀. For PM_{2.5}, short-term exposures (up to 24 hours) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, PM_{2.5} is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide, based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM₁₀ have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017a).

Long-term (months to years) exposure to PM_{2.5} has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to

PM₁₀ are less clear, although several studies suggest a link between long-term PM₁₀ exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2017a).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phase out of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phase out of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO₂ in the atmosphere. Sulfates can result in respiratory impairment and reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor that has been detected near landfills, sewage plants, and hazardous waste sites due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for PM_{2.5} described above.

Reactive Organic Gases. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O₃ are referred to and regulated as ROG. Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of ROG result from the formation of O₃ and its related health effects. High levels of ROG in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for ROG as a group.

2.1.2.2 Non-Criteria Air Pollutants

Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic noncancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics “Hot Spots” Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter

Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of PM_{2.5} (CARB 2019f). DPM is typically composed of carbon particles (“soot,” also called black carbon) and numerous organic compounds, including more than 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2019f). CARB classified “particulate emissions from diesel-fueled engines” (i.e., DPM; 17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of PM_{2.5}, DPM also contributes to the same noncancer health effects as PM_{2.5} exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2019f). Those most vulnerable to noncancer health effects are children, whose lungs are still developing, and older adults, who often have chronic health problems.

Asbestos

Asbestos is the common name for a group of naturally occurring fibrous silicate minerals that can separate into thin but strong and durable fibers, with principal forms including chrysotile, crocidolite, amosite, tremolite, actinolite, and anthophyllite (OEHHA 2000). Naturally occurring asbestos is found in some areas throughout California, most commonly where ultramafic rock or serpentinite rock is present. When construction activities occur in areas with naturally occurring asbestos in the soils or rock, the asbestos fibers can become airborne and may be inhaled, which can cause chronic local inflammation and disrupt orderly cell division, both of which can facilitate the development of asbestosis (a noncancerous lung disease involving fibrotic scarring of the lungs) and cancer (OEHHA 2000).

Crystalline Silica

In February 2005, the California Office of Environmental Health Hazard Assessment added a chronic reference exposure level for crystalline silica (quartz, cristobalite, tridymite) of respirable size (defined as 4 micrometer particle aerodynamic diameter) (OEHHA 2005). Crystalline silica is a hazardous substance when it is inhaled, and the airborne dust particles that are formed when the material containing the silica is broken, crushed, or sawn pose potential risks. Silicosis results from chronic exposure; it is characterized by the presence of histologically unique silicotic nodules and by fibrotic scarring of the lung (OEHHA 2005). Chronic exposure to respirable silica dust is also associated with the development of tuberculosis/silicotuberculosis, chronic bronchitis, small airways disease, emphysema, and has been implicated in some autoimmune disorders and kidney disease (OEHHA 2005).

Odorous Compounds

Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. In a phenomenon known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located at hospitals, schools, childcare centers, residences, and retirement homes (NSAQMD 2019a).

There are residential sensitive receptors interspersed around the project site. At the Brunswick Industrial Site, rural residences are located to the north, west, east, and south. The nearest residence is north of East Bennett Road, approximately 100 feet from the project boundary. Residences are also located in proximity to the proposed Nevada Irrigation District (NID) potable water pipeline along East Bennett Road. There are also rural residences located north of the Centennial Industrial Site, the nearest of which is along Idaho Maryland Road, approximately 500 feet

away. Finally, the nearest hospitals and schools to the project sites are the Sierra Nevada Memorial Hospital on Glasson Way (approximately 1,800 feet north of the Centennial Industrial Site) and the Montessori House of Children on The Burma Road (approximately 2,500 feet south of the Brunswick Industrial Site boundary).

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. EPA is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O₃ protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O₃, CO, NO₂, SO₂, PM₁₀, PM_{2.5}, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O₃, NO₂, SO₂, PM₁₀, PM_{2.5}, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O₃, NO₂, SO₂, PM₁₀, and PM_{2.5} are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the standards within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required EPA to identify national emission standards for hazardous air pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. The CAAQS describe adverse conditions; that is, pollution levels must be below these standards before a basin can attain the standard. Air quality is considered “in attainment” if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O₃, CO, SO₂ (1-hour and 24-hour), NO₂, PM₁₀, PM_{2.5}, and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ^a	National Standards ^b	
		Concentration ^c	Primary ^{c,d}	Secondary ^{c,e}
O ₃	1 hour	0.09 ppm (180 µg/m ³)	—	Same as primary standard ^f
	8 hours	0.070 ppm (137 µg/m ³)	0.070 ppm (137 µg/m ³) ^f	
NO ₂ ^g	1 hour	0.18 ppm (339 µg/m ³)	0.100 ppm (188 µg/m ³)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 µg/m ³)	0.053 ppm (100 µg/m ³)	
CO	1 hour	20 ppm (23 mg/m ³)	35 ppm (40 mg/m ³)	None
	8 hours	9.0 ppm (10 mg/m ³)	9 ppm (10 mg/m ³)	
SO ₂ ^h	1 hour	0.25 ppm (655 µg/m ³)	0.075 ppm (196 µg/m ³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m ³)
	24 hours	0.04 ppm (105 µg/m ³)	0.14 ppm (for certain areas) ^g	—
	Annual	—	0.030 ppm (for certain areas) ^g	—
PM ₁₀ ⁱ	24 hours	50 µg/m ³	150 µg/m ³	Same as primary standard
	Annual arithmetic mean	20 µg/m ³	—	
PM _{2.5} ⁱ	24 hours	—	35 µg/m ³	Same as primary standard
	Annual arithmetic mean	12 µg/m ³	12.0 µg/m ³	15.0 µg/m ³
Lead ^{j,k}	30-day average	1.5 µg/m ³	—	—
	Calendar quarter	—	1.5 µg/m ³ (for certain areas) ^k	Same as primary standard
	Rolling 3-month average	—	0.15 µg/m ³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m ³)	—	—
Vinyl chloride ^l	24 hours	0.01 ppm (26 µg/m ³)	—	—
Sulfates	24- hours	25 µg/m ³	—	—

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ^a	National Standards ^b	
		Concentration ^c	Primary ^{c,d}	Secondary ^{c,e}
Visibility reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016.

Notes: O₃ = ozone; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; NO₂ = nitrogen dioxide; CO = carbon monoxide; mg/m³ = milligrams per cubic meter; SO₂ = sulfur dioxide; PM₁₀ = coarse particulate matter; PM_{2.5} = fine particulate matter; PST = Pacific Standard Time.

- ^a California standards for O₃, CO, SO₂ (1-hour and 24-hour), NO₂, suspended particulate matter (PM₁₀, PM_{2.5}), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
- ^b National standards (other than O₃, NO₂, SO₂, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O₃ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For PM_{2.5}, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.
- ^c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
- ^d National primary standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.
- ^e National secondary standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
- ^f On October 1, 2015, the national 8-hour O₃ primary and secondary standards were lowered from 0.075 to 0.070 ppm.
- ^g To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
- ^h On June 2, 2010, a new 1-hour SO₂ standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
- ⁱ On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.
- ^j CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
- ^k The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a

subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics “Hot Spots” Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. “High-priority” facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive diesel risk reduction plan to reduce diesel emissions from new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk by 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures (ATCMs) that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

Asbestos is strictly regulated due to its serious adverse health effects, including asbestosis and lung cancer, and based on its natural widespread occurrence and its use as a building material. CARB has established two ATCMs for naturally occurring asbestos. The first asbestos ATCM applies to Surfacing Applications (e.g., restricts the content of asbestos material used in surfacing applications, such as unpaved roads and parking lots), and the second asbestos ATCM is for Construction, Grading, Quarrying and Surface Mining Operations (i.e., requires implementation mitigation measures to minimize asbestos-laden dust during these activities). Pursuant to the ATCM for Construction, Grading, Quarrying and Surface Mining Operations, an Asbestos Dust Mitigation Plan is required for any project with greater than 1 acre of surface disturbance if any portion of the area to be disturbed is mapped as having serpentine or ultramafic rock, or if any portion of the area to be disturbed has naturally occurring asbestos as determined by the owner/operator or the Air Pollution Control Officer. The Asbestos Dust Mitigation Plan, which must include dust mitigation practices that are sufficient to ensure that no equipment or operation emits dust that is visible crossing the property line, would be required to be submitted to and approved by the local air district before any clearing, grading, or construction begins.

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person must not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. Section 41700 also applies to sources of objectionable odors.

2.2.3 Local Regulations

2.2.3.1 Northern Sierra Air Quality Management District

The NSAQMD is the primary agency responsible for planning to meet federal and state ambient air quality standards in Nevada, Plumas, and Sierra Counties. The NSAQMD develops rules and regulations for stationary sources and equipment, prepares emissions inventories and air quality management planning documents, and conducts source testing and inspections. NSAQMD rules and regulations applicable to the project include the following:

- **Rule 205 Nuisance:** This rule prohibits discharge of air contaminants or other material from any source that cause injury, detriment, nuisance, or annoyance to any considerable number of persons, or to the public, or that endanger the comfort, repose, health, or safety of any such persons, or the public, or that cause to have natural tendency to cause injury or damage to business or property.
- **Rule 207 Particulate Matter:** This rule prohibits the release or discharge of particulate matter emissions in excess of 0.1 grains per cubic foot of dry exhaust gas as standards conditions into the atmosphere from any source or single processing unit, exclusive of sources emitting combustion contaminants only.
- **Rule 226 Dust Control:** This rule requires the submittal of a Dust Control Plan to the NSAQMD for approval prior to any surface disturbance, including clearing of vegetation.
- **Rule 227 Cutback and Emulsified Asphalt Paving Materials:** This rule restricts the discharge of VOCs caused by the use or manufacture of Cutback or Emulsified asphalts for paving, road construction, or road maintenance, unless such manufacture or use complies with the provisions of the rule.
- **Rule 904 Asbestos Airborne Toxic Control Measure Asbestos-Containing-Serpentine:** This rule incorporates by reference Title 17, Section 93106, of the California Code of Regulations (CCR) in its entirety.

2.2.3.2 Nevada County Transportation Commission

At the regional level, the Nevada County Transportation Commission (NCTC) adopted the 2015–2035 Nevada County Regional Transportation Plan (RTP) to establish the short-term (2016 to 2026) and long-term (2026 to 2036) regional transportation needs in Nevada County and to facilitate the efficient development and implementation of projects while maintaining public health and environmental quality (NCTC 2018). Although the RTP does not regulate land use or supersede the exercise of land use authority by NCTC's member jurisdictions (i.e., Nevada County or cities therein), the RTP is a relevant regional reference document for purposes of evaluating the intersection of land use and transportation patterns, and seeks to reduce air quality and GHG issues associated with future growth by increasing the efficiency of the transportation system and increasing alternative transportation options (NCTC 2018).

2.2.3.3 Nevada County

The County General Plan's Air Quality Element (Nevada County 1995) and Circulation Element (Nevada County 2010) describe the following goals, objectives, and policies that pertain to the project:

Air Quality Element

Goal 14.1: Attain, maintain, and ensure high air quality.

Objective 14.1: Establish land use patterns that minimize impacts on air quality.

- **Policy 14.1:** Cooperate with the NSAQMD during review of development proposals. As part of the site plan review process, require applicants of all subdivisions, multi-family, commercial and industrial development projects to address cumulative and long-term air quality impacts, and request the NSAQMD enforce appropriate land use regulations to reduce air pollution.

Objective 14.2: Implement standards that minimize impacts on and/or restore air quality.

- **Policy 14.3:** Where it is determined necessary to reduce short-term and long-term cumulative impact, the County shall require all new discretionary projects to offset any pollutant increases. Wherever possible, such offsets shall benefit lower-income housing.
- **Policy 14.4:** Encourage and cooperate with the NSAQMD, or any successor agency, to:
 - d. Develop a program to regulate and control fugitive dust emissions from construction projects.
- **Policy 14.5:** Encourage and cooperate with the NSAQMD, or any successor agency, to develop and implement a long term monitoring program to quantify air quality in the County. The County shall work with the District to identify areas for monitoring and to develop an implementation program to begin on-site monitoring upon project application where a proposal will result in an increase of more than 25 tons per year of nonattainment pollutants (or precursors). The County will also cooperate with the District in developing a monitoring program for CO emissions at key intersections as a basis for consideration of short-to long-term air quality in the preparation of the County Road Improvement Program.
- **Policy 14.6:** For new construction, the County shall prohibit the installation of non-EPA certified and non-EPA exempt solid fuel burning devices.
- **Policy 14.7A:** The County shall, as part of its development review process, ensure that proposed discretionary developments address the requirements of NSAQMD Rule 226.
- **Policy 14.7B:** The County shall, as part of its Road Improvement Program, consider the benefits to air quality from the paving of unpaved roads.

Circulation Element

Goal RD-1: Reduce dependence on the automobile.

Goal RD-2: Increase the availability of alternative modes of transportation.

Goal RD-3: Decrease vehicle miles traveled (VMT) while encouraging increased transit ridership and vehicle occupancy.

Goal EP-4.3: To the extent feasible, encourage the reduction of GHG emissions during the design phase of construction projects.

Goal EP-4.4: To the extent feasible, encourage the development of energy efficient circulation patterns.

2.3 Regional and Local Air Quality Conditions

2.3.1 Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, EPA classifies air basins (or portions thereof) as “attainment” or “nonattainment” for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as “attainment” for that pollutant. If an area exceeds the standard, the area is classified as “nonattainment” for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as “unclassified” or “unclassifiable.” The designation of “unclassifiable/attainment” means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as “attainment” or “nonattainment,” but based on CAAQS rather than the NAAQS.

The western portion of Nevada County is currently designated by the EPA as a “Moderate” nonattainment area for the federal 8-hour O₃ standard (EPA 2018b). However, the NSAQMD prepared and submitted the Ozone Attainment Plan Western Nevada County – State Implementation Plan for the 2008 Primary Federal 8-Hour Ozone Standard of 0.075 ppm (Ozone Attainment Plan) (NSAQMD 2018) to the EPA to request voluntary reclassification as a “Serious” nonattainment area, and revise the attainment date to December 31, 2021. Additionally, CARB has designated Nevada County as a nonattainment area for the state O₃ and PM₁₀ standards (CARB 2019g). The County is designated as unclassified or attainment by the EPA and CARB for all other criteria air pollutants.

2.3.2 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. NSAQMD monitors local ambient air quality near the project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2016 to 2018 are presented in Table 2, Local Ambient Air Quality Data. The Grass Valley monitoring station, located at 200 Litton Drive, Suite 230, Grass Valley, CA 95945, is the nearest air quality monitoring station to the project site, located approximately 1 mile northwest of the Centennial Industrial Site. However, because the Grass Valley station only monitors O₃ and PM_{2.5}, additional measurements were taken from the Yuba City monitoring station (773 Almond Street, Yuba City, CA 95991), approximately 31 miles west of the project site). The data collected at these stations are considered generally representative of the air quality experienced in the project vicinity. The number of days exceeding the ambient air quality standards are also provided in Table 2.

Table 2. Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2016	2017	2018	2016	2017	2018
Ozone (O ₃)										
Grass Valley	ppm	Maximum 1-hour concentration	State	0.09	0.101	0.108	0.112	6	13	5
	ppm	Maximum 8-hour concentration	State	0.070	0.097	0.099	0.102	46	85	28
			Federal	0.070	0.097	0.099	0.101	39	78	22
Nitrogen Dioxide (NO ₂)										
Yuba City	ppm	Maximum 1-hour concentration	State	0.18	0.040	0.049	0.051	0	0	0
			Federal	0.100	0.040	0.049	0.051	0	0	0
	ppm	Annual concentration	State	0.030	ND	0.007	0.007	—	—	—
			Federal	0.053	—	—	—	—	—	—
Carbon Monoxide (CO)										
Yuba City	ppm	Maximum 1-hour concentration	State	20	—	—	—	—	—	—
			Federal	35	0.3	2.7	8.8	0	0	0
	ppm	Maximum 8-hour concentration	State	9.0	—	—	—	—	—	—
			Federal	9	0.3	0.5	3.1	0	0	0
Coarse Particulate Matter (PM ₁₀) ^a										
Yuba City	µg/m ³	Maximum 24-hour concentration	State	50	51.7	145.5	339.6	1.0 (1)	19.3 (19)	ND (40)
			Federal	150	51.4	145.0	318.6	0.0 (0)	0.0 (0)	8.0 (8)
	µg/m ³	Annual concentration	State	20	20.4	21.8	ND	—	—	—
Fine Particulate Matter (PM _{2.5}) ^a										
Grass Valley	µg/m ³	Maximum 24-hour concentration	Federal	35	11.7	68.1	142.8	0.0 (0)	3.0 (1)	12.1 (12)
	µg/m ³	Annual concentration	State	12	4.6	4.9	6.2	—	—	—
			Federal	12.0	4.6	5.8	7.0	—	—	—

Sources: CARB 2019h; EPA 2018c.

Notes: ppm = parts per million by volume; ND = insufficient data available to determine the value; — = not available; µg/m³ = micrograms per cubic meter.

Data taken from CARB iADAM (<http://www.arb.ca.gov/adam>) and EPA AirData (<http://www.epa.gov/airdata/>) represent the highest concentrations experienced over a given year.

Exceedances of federal and state standards are only shown for O₃ and particulate matter. Daily exceedances for particulate matter are estimated days because PM₁₀ and PM_{2.5} are not monitored daily. All other criteria pollutants did not exceed federal or state standards during the years shown. There is no federal standard for 1-hour O₃, annual PM₁₀, or a state 24-hour standard for PM_{2.5}.

Grass Valley – Litton Building Monitoring Station is located at 200 Litton Drive, Suite 230, Grass Valley, CA 95945.

Yuba City – Almond Street Monitoring Station is located at 773 Almond Street, Yuba City, CA 95991.

^a Measurements of PM₁₀ and PM_{2.5} are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.4 Significance Criteria and Methodology

2.4.1 Thresholds of Significance

The significance criteria used to evaluate the project impacts to air quality are based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the project would (14 CCR 15000 et seq.):

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

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the project would have a significant impact on air quality.

The NSAQMD has developed a tiered approach to significance levels; a project with emissions qualifying it for Level A thresholds (i.e., all projects with emissions greater than zero) should require the most basic mitigation. Projects that qualify for Level B should require more extensive mitigation, and projects that qualify for Level C should require the most extensive application of mitigation. The tiered thresholds for Levels A, B, and C are given in Table 3 for a project's estimated emissions of criteria pollutants in pounds per day. The emissions-based thresholds for O₃ precursors are intended to serve as a surrogate for an "O₃ significance threshold" (i.e., the potential for adverse O₃ impacts to occur). This approach is used because O₃ is not emitted directly (see the discussion of O₃ and its sources in Section 2.1.2, Pollutants and Effects).

Table 3. Northern Sierra Air Quality Management District Emission Significance Thresholds

	ROG	NO _x	PM ₁₀
Threshold Level	<i>Pounds per Day</i>		
Level A Thresholds	<24	<24	<79
Level B Thresholds	24–136	24–136	79–136
Level C Thresholds	>136	>136	>136

Source: NSAQMD 2019a.

Notes: ROG = reactive organic gas; NO_x = oxides of nitrogen; PM₁₀ = particulate matter with an aerodynamic diameter less than or equal to 10 microns.

If unmitigated emissions of ROG, NO_x, and/or PM₁₀ exceed 136 pounds per day (Level C), then there is a potentially significant impact; if mitigated emissions of ROG, NO_x, and/or PM₁₀ still exceed 136 pounds per day (Level C), then there is a significant and unavoidable impact. Unmitigated emissions below Level C would result in an impact that

is potentially significant and mitigation is required; following implementation of mitigation (as specified separately for Level A and Level B), emissions would be less than significant. The NSAQMD guidelines recommend that projects with higher emissions (Level C Thresholds) should automatically mitigate more emissions than a lower-impact project (Level A). Also according to the NSAQMD guidelines, if a new project is unable to provide adequate on-site mitigation of its long-term air quality impacts, an off-site mitigation program may be necessary.

The NSAQMD established its thresholds of significance for CEQA purposes to achieve and maintain the NAAQS and CAAQS. Since an AAQS is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the AAQS, this means that a project that complies with the thresholds established by a local air district, such as the NSAQMD, would not result in adverse effects to human health.

For mobile source emissions of CO, the 1-hour (20 ppm) and 8-hour (9 ppm) CAAQS for CO are used to determine significance for receptors proximate to intersections affected by project traffic that would fall at level of service (LOS) D or higher (i.e., LOS E or F), under the project and cumulative scenarios (NSAQMD 2019a).

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by Rise. For purposes of estimating project emissions, construction of the project is anticipated to occur over approximately 12 months. Construction is assumed to take place from January 2021 through December 2021. The construction scenario assessed herein is the worst-case, since if the same activities were to be spread over a longer period of time, the amount of overlap of equipment would be reduced, which would result in reduced max daily emissions. The operational and reclamation phases would, in turn, be pushed out by the same amount of time. The actual construction period will depend on numerous factors including permitting timelines and economic factors. The analysis contained herein is based on the assumptions summarized in Table 4, Construction Off-Road Equipment Assumptions, and Table 5, Construction On-Road Vehicle Trip Assumptions.

Table 4. Construction Off-Road Equipment Assumptions

Construction Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
Project management, engineers, surveyors	1/2021 – 12/2021	N/A	N/A	N/A	N/A	6
Foundation and concrete contractor	1/2021 – 12/2021	Walk behind compactor	Diesel	1	1	6
		Concrete saw	Diesel	1	2	6
Grading and paving contractor	1/2021 – 12/2021	Dozer	Diesel	1	4	6
		Grader	Diesel	1	4	6
		Excavator	Diesel	1	4	6
		Front-end loader	Diesel	1	4	6
		Roller compactor	Diesel	1	4	6
		Paving equipment	Diesel	1	2	6

Table 4. Construction Off-Road Equipment Assumptions

Construction Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
Building contractor	1/2021 – 12/2021	Skid steer/ forklift	Diesel	3	6	6
		Manlift	Diesel	1	6	6
		Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Crane	Diesel	1	4	6
Ironworkers (headframes)	2/2021 – 3/2021 & 11/2021 – 12/2021	Forklift	Diesel	2	4	6
		Crane	Diesel	1	4	6
Electrical and mechanical contractors	1/2021 – 12/2021	Skid steer/ forklift	Diesel	3	6	6
		Manlift	Diesel	1	6	6
		Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Crane	Diesel	1	2	6
Potable water installation	2/2021 – 5/2021	Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Excavator	Diesel	1	8	6
		Concrete saw	Diesel	1	4	6
		Front-end loader	Diesel	1	4	6
		Roller compactor	Diesel	1	4	6
		Paving equipment	Diesel	1	4	6
PG&E power line work	7/2021 – 9/2021	Forklift	Diesel	2	4	6
		Manlift	Diesel	1	6	6
		Crane	Diesel	1	4	6
Underground shaft contractors	4/2021 – 12/2021	LHD units	Diesel	2	20	7
		Personnel all- terrain vehicles	Diesel	2	12	7
Raise bore contractor	8/2021 – 9/2021	Raise bore machine	Electric	1	18	7
Underground construction	9/2021 – 12/2021	Mine air compressor	Electric	1	10	7
		Locomotives	Electric	2	12	7
		Main ventilation fans	Electric	1	24	7
		Booster ventilation fans	Electric	2	24	7
		Auxiliary ventilation fans	Electric	3	24	7
		Brunswick shaft hoist	Electric	1	8	7
Mine dewatering	6/2021 – 11/2021	Main pump 1300 L	Electric	2	24	7
		Main pump 2300 L	Electric	2	24	7
		Main pump 3280 L	Electric	2	24	7

Table 4. Construction Off-Road Equipment Assumptions

Construction Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
		Face pumps	Electric	3	16	7
		Water treatment plant	Electric	1	24	7

Notes: PG&E = Pacific Gas & Electric
 See Appendix A for details

Table 5. Construction On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
<i>Project management, engineers, surveyors</i>					
Workers	16.8	12	202	3,744	62,899
Pickup Trucks	15	8	120	2,496	37,440
<i>Foundation and concrete contractor</i>					
Workers	16.8	16	269	4,992	83,866
Pickup Trucks	15	8	120	2,496	37,440
Concrete Trucks	5	2	10	624	3,120
<i>Grading and paving contractor</i>					
Workers	16.8	12	202	3,744	62,899
Water Trucks	10	2	20	624	6,240
Haul Trucks	5	2	10	624	3,120
<i>Building contractor</i>					
Workers	16.8	20	336	6,240	104,832
Pickup Trucks	15	8	120	2,496	37,440
<i>Ironworkers (headframes)</i>					
Workers	16.8	16	269	800	13,440
Pickup Trucks	15	8	120	400	6,000
<i>Electrical and mechanical contractors</i>					
Workers	16.8	20	336	6,240	104,832
Pickup Trucks	15	8	120	2,496	37,440
<i>Potable water installation</i>					
Workers	16.8	12	202	1,224	20,563
Water Trucks	10	2	20	204	2,040
Haul Trucks	20	2	40	204	4,080
<i>PG&E power line work</i>					

Table 5. Construction On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	16.8	10	168	780	13,104
Haul Trucks	20	2	40	156	3,120
<i>Underground shaft contractors</i>					
Workers	16.8	10	168	2,740	46,032
<i>Raise bore contractor</i>					
Workers	16.8	8	134	480	8,064
<i>Underground construction</i>					
Workers	16.8	10	168	1,210	20,328
<i>Mine Dewatering</i>					
Workers	16.8	N/A	N/A	N/A	N/A

Notes: N/A = not applicable; VMT = vehicle miles traveled

See Appendix A for complete details.

Pickup trucks would be used on-site, with a conservative trip length of 15 miles.

Concrete and asphalt haul truck trip distance of 5 miles is based on purchasing the materials locally.

All other trip lengths are based on the CalEEMod default rural trip lengths for NSAQMD, which Rise determined were appropriate for the project.

The criteria air pollutant and TAC emissions inventory was developed based on the assumptions in Table 4 and Table 5. Sources of air pollutant emissions during construction would include exhaust from off-road equipment and on-road vehicles (i.e., trucks and worker vehicles), fugitive dust associated with grading and material handling (total of 233,000 cubic yards of cut and 242,500 cubic yards of fill), ROG off-gassing from architectural coatings, and ROG off-gassing during asphalt paving. Emission factors for these sources were incorporated into a spreadsheet model and include the CARB OFFROAD2011 model for diesel-fueled off-road equipment; the CARB Mobile Source Emissions Inventory Model (EMFAC, version 2017) for on-road vehicles; and factors from the California Emissions Estimator Model (CalEEMod) for fugitive dust, architectural coatings, and asphalt paving. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, primarily during the grading phase, resulting in PM₁₀ and PM_{2.5} emissions. The project is subject to NSAQMD Rule 226, Dust Control, which requires the submittal and approval of a Dust Suppression Control Plan to the NSAQMD prior to the disturbance of any topsoil. Compliance with Rule 226 would limit fugitive dust (PM₁₀ and PM_{2.5}) that may be generated during grading and construction activities. To account for dust control measures in the calculations, it was assumed that active work sites would be watered at least two times daily, resulting in an approximately 55% reduction of particulate matter. Detailed assumptions and emission factors are included in Appendix A. Notably, electrically powered equipment would not contribute to criteria air pollutants or TACs at the project site, but would result in GHGs associated with electricity generation (see Section 3, Greenhouse Gas Emissions).

2.4.2.2 Operational Emissions

Sources of air pollutant emissions generated during project operations would include off-road equipment (surface and underground), on-road vehicles, underground blasting and crushing, ore processing, reagent storage, fuel tank storage, earthwork and material handling, architectural coatings for repainting, and worker consumer products. In

regards to long-term operations, engineered fill would be trucked to the Centennial Industrial Site, a pad at the Brunswick Industrial Site, and off-site to support local construction projects. Although the following sequence could change, for purposes of this air quality analysis and to present a reasonable and conservative evaluation, three different periods were assessed based on assumptions of where and when the engineered fill would be routed:

- Years 2022–2026: Fill placement at the Centennial Industrial Site
- Years 2027–2032: Fill placement at the Brunswick Industrial Site
- Years 2033–2102: Fill placement at an off-site location

These scenarios affect the trip length of haul trucks, as well as the localized generation of exhaust and fugitive dust from off-road equipment and material handling. Assumptions incorporated in the spreadsheet modeling are detailed in Appendix A, are summarized below, and are based on project information provided by Rise.

Off-Road Equipment

Operational equipment is summarized in Table 6, Operational Off-Road Equipment Assumptions. Emission factors for these sources were incorporated into a spreadsheet model and include the CARB OFFROAD2011 model for diesel-fueled off-road equipment. Notably, all diesel equipment owned by Rise would be equipped with Tier 4 Final engines. Also, as with construction, the electrically powered equipment would not contribute to criteria air pollutants or TACs at the project site, but would result in GHGs associated with electricity generation (see Section 3, Greenhouse Gas Emissions).

Table 6. Operational Off-Road Equipment Assumptions

Location	Equipment				
	<i>Equipment Type</i>	<i>Fuel</i>	<i>Quantity</i>	<i>Usage Hours Per Day</i>	<i>Days Per Week</i>
Brunswick Industrial Site (Underground)	Jumbo drill carrier	Diesel	3	4	7
	LHD units	Diesel	6	20	7
	Personnel all-terrain vehicles	Diesel	10	12	7
	Longhole drill	Electric	3	18	7
	Diamond core drills	Electric	4	20	7
	Locomotives	Electric	10	12	7
	Main pump 1300 L	Electric	1	24	7
	Main pump 2300 L	Electric	1	24	7
	Main pump 3280 L	Electric	1	24	7
	Face pumps	Electric	10	16	7
	Booster ventilation fans	Electric	2	24	7
	Auxiliary ventilation fans	Electric	10	24	7
	Jaw crusher	Electric	3	8	7
	Lighting	Electric	100	24	7
Brunswick Industrial Site (Surface)	Skid steer / forklift	Diesel	3	12	7
	Manlift	Diesel	1	6	7
	Rough-terrain crane (50-ton)	Diesel	1	12	7
	Portable generator / welder	Diesel	3	8	7

Table 6. Operational Off-Road Equipment Assumptions

Location	Equipment				
	Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
	Mine air compressor	Electric	1	24	7
	Main ventilation fans	Electric	3	24	7
	Service shaft hoist	Electric	1	14	7
	Brunswick shaft hoist	Electric	1	8	7
	Water treatment plant	Electric	1	24	7
Engineered Fill Placement at the Centennial Industrial Site and Brunswick Industrial Site	Dozer	Diesel	1	4	5
	Grader	Diesel	1	4	5
	Excavator	Diesel	1	4	5
	Front-end loader	Diesel	1	4	5
	Mobile tire pressure washer	Diesel	1	3	5
	Mobile auger blending plant	Diesel	1	4	5

Notes: See Appendix A for details.

On-Road Vehicles

The project would generate criteria air pollutant emissions from mobile sources (vehicular traffic) as a result of the employee passenger vehicles (workers) and truck traffic associated with operation of the mine. Emissions from the mobile sources during operation of the project were estimated using a spreadsheet-based model and emission factors from the CARB EMFAC2017 and EPA AP-42 factors for paved road dust generation. Emission calculation equations and assumptions were primarily derived from CalEEMod. The key factors in the mobile source emission calculations were number of trips, trip lengths, vehicle categorization, and emissions factors for each vehicle, which are described further below.

Trips were estimated for each type of project vehicle and for each operational scenario (beginning in 2022, 2027, and 2033) based on information provided by the applicant. Each employee and truck was assumed to generate two one-way trips. Employees are anticipated to be on site 365 days per year; however, estimated daily employees during the week is 178, and estimated weekend employees is 134. As such, 178 employees were assumed to estimate maximum daily emissions, and the annual emissions were estimated based on the estimated weekdays and weekend days in 1 year and the respective employee estimate. For haul trucks, estimated maximum daily trips were multiplied by 365 days to estimate annual trips. For all other trucks, daily emissions were estimated based on the anticipated maximum daily truck trips, and annual emissions were estimated based on anticipated average trips per week multiplied by 52 weeks per year. Trip lengths were also based on information provided by the applicant. The anticipated average trip length, trips per day, VMT per day, trips per year, and VMT per year by project vehicle category in 2022, 2027, and 2033 are shown in Table 7, Operations On-Road Vehicle Trip Assumptions.

Table 7. Operations On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
<i>Year 2022 to Year 2026 – Engineered Fill to Centennial Site</i>					
Engineered Fill Haul Trucks	1.8	200	360	36,500	65,700
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584
<i>Year 2027 to Year 2032 – Engineered Fill to Brunswick Site</i>					
Engineered Fill Haul Trucks	0.25	200	50	36,500	9,125
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584
<i>Year 2033 to Year 2102 – Engineered Fill to Other Customers</i>					
Engineered Fill Haul Trucks	15.5	200	3,100	36,500	565,750
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584

Notes: VMT = vehicle miles traveled

For 2022, a haul truck trip length of 1.8 miles was assumed based on the estimated distance from the Brunswick Industrial Site to Centennial Industrial Site.

For 2027, a haul truck trip length of 0.25 miles was assumed based on the estimated distance from the ore processing facility to the engineered fill drop-off area on the Brunswick Industrial Site.

For 2033, haul truck trip length of 15.5 miles was assumed based on the estimated distance from the Brunswick Industrial Site to various other customers.

Fuel assumed to be trucked from Robinson Fuels Cardlock a distance of approximately 3.5 miles from the Brunswick Site.

Freight, cement, and explosives trucks were assumed to have an average 60-mile distance assuming that these materials would come from distribution facilities in Sacramento California.

Outside Services expected to be within a 5 mile driving distance from site which includes Grass Valley, Nevada City, and Nevada County Airport industrial Area.

Concentrate truck trip distance of 145 miles is based on the distance between the project site and the Port of Oakland.

The average employee trip length of 14.7 miles is based on the CalEEMod default rural trip length for NSAQMD, which the applicant determined was consistent with the anticipated trip length for employees.

Vehicle emissions occur during startup, operation (running), and idling, and from evaporative losses when the engines are resting. The emissions factors for trucks and passenger vehicles were determined using EMFAC2017, which generates emissions factors, expressed in grams per mile, grams per trip, and grams per vehicle per day, for the fleet in a class of motor vehicles within a county for a particular study year. For this analysis, NSAQMD was selected for the region and calendar years 2022, 2027, and 2033 were selected in EMFAC to represent the different operational scenarios based on engineered fill destination. For each vehicle emissions factor, aggregated values for model year and speed were assumed, with the exception of the haul trucks, where a specific speed was assumed for the 2027 scenario. For the 2027 scenario, haul trucks were assumed to travel from the ore processing facility to the engineered fill drop-off area on the Brunswick Industrial Site, and were estimated to travel at 20 miles per hour.

A composite, or weighted-average, emissions factor was developed for project vehicle types if more than one vehicle category in EMFAC is anticipated to be representative of the project vehicle. The composite emission factors are weighted by VMT, population, or trips depending on the emissions process, which is the physical mechanism that results in the emissions of a pollutant. For employee vehicles, the composite emission factor represents the weighted average emission rate for passenger vehicles (light-duty automobiles), light-duty trucks (LDT1, 0–3,750 pounds), light-duty trucks (LDT2, 3,751–5,750 pounds), and a composite mix of gasoline and diesel-fueled and electric. All haul trucks, freight trucks, explosive trucks, and concentrate trucks were assumed to be heavy-heavy-duty trucks that are diesel-fueled. The fuel trucks and cement delivery trucks were assumed to be medium-heavy-duty trucks that are diesel-fueled. The outside services light vehicles were assumed to be a composite of light-duty vehicles and trucks (LDT1, LDT2, LHDT1 [8,501–10,000 pounds], and LHDT2), and a composite mix of gasoline- and diesel-fueled and electric.

Running Exhaust, Tire Wear, and Brake Wear (grams per mile)

To estimate emissions associated with vehicle travel to and from the project site, running exhaust,³ tire wear,⁴ and brake wear⁵ emission factors for each respective pollutant were developed for trucks and passenger vehicles in grams per mile and then multiplied by the average daily VMT. Running exhaust emissions were estimated for all pollutants, and tire wear and brake wear emissions were specific to PM₁₀ and PM_{2.5}.

³ Running exhaust emissions come out of the vehicle tailpipe while traveling on the road.

⁴ Tire wear particulate matter emissions originate from tires as a result of wear.

⁵ Brake wear particulate matter emissions originate from brake usage.

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evaporation, and Diurnal Loss Evaporation (grams per trip)

Starting exhaust tailpipe⁶ emissions were estimated for all pollutants. Hot soak evaporative⁷ emissions, running loss evaporative⁸ emissions, resting loss evaporative⁹ emissions, and diurnal evaporative¹⁰ emissions are specific to ROG emissions. For starting, hot soak, and running loss emissions, emission factors for trucks and passenger vehicles were developed per trip, consistent with the EMFAC output. For resting loss and diurnal emissions, emission factors in grams per vehicle per day from EMFAC were converted to grams per trip using the equation provided in CalEEMod 2016.3.2 User's Guide (CAPCOA 2017) to yield uniform emission factor units. The respective grams per trip emission factors by pollutant were then multiplied by the average daily vehicle trips to estimate emissions associated with vehicle starting and ROG evaporative emissions.

Idling (grams per vehicle per minute)

Truck idling¹¹ was estimated using EMFAC emission factors that were converted from grams per vehicle per day to grams per minute of idling per vehicle based on EMFAC-provided idle duration per truck category. The idling emissions were calculated by multiplying the per-minute emission factors for each respective pollutant by the estimated idle duration of 10 minutes per truck trip, representing up to two idling events of a maximum of 5 minutes of idling each instance.

Paved Road Dust (grams per mile)

Vehicles that drive on paved roads generate fugitive dust by dispersing the silt from the roads. Paved road dust PM₁₀ and PM_{2.5} emission factors were developed pursuant to the CalEEMod 2016.3.2 road dust equation and based on road surface silt loading factors from CalEEMod and particle size multipliers from AP-42 Section 13.2.1 Paved Roads (EPA 2011). Emissions were calculated by multiplying the paved road dust emission factors by the VMT.

Underground Blasting and Crushing

Ore production through tunneling and long-hole blasting is anticipated to produce 1,000 tons per a day (365,000 tons per year) of ore. The ore may be reduced in size using an underground jaw crusher before hoisting it to the

⁶ Start exhaust tailpipe emissions occur when starting a vehicle. These emissions are independent of running exhaust emissions and represent the emissions occurring during the initial period when a vehicle is warming up. The magnitude of these emissions is dependent on how long the vehicle has been sitting prior to starting. Starting exhaust is defined differently for heavy-duty diesel trucks than for other vehicles.

⁷ Hot soak evaporative hydrocarbon emissions occur immediately after a trip due to fuel heating, since an engine remains hot for up to 35 minutes after being switched off.

⁸ Running loss evaporative hydrocarbon emissions occur as a result of hot fuel vapors that escape from the fuel system or overwhelm the carbon canister while the vehicle is operating.

⁹ Resting loss evaporative hydrocarbon emissions occur while the vehicle is sitting and are caused by fuel permeation through rubber and plastic components. Emissions are counted as resting loss emissions if the vehicle has not been operated for 35 minutes and has been stationary, while the ambient temperature is either constant or decreasing.

¹⁰ Diurnal evaporative hydrocarbon emissions occur when rising ambient temperatures cause fuel evaporation from vehicles sitting throughout the day. These losses are from leaks in the fuel system, fuel hoses, connectors, and as a result of the breakthrough of vapors from the carbon canister. If a vehicle is sitting for a period of time, emissions from the first 35 minutes are considered as hot soak, and emissions from the remaining period are considered as diurnal emissions, provided that the ambient temperature is increasing during the remaining period of time.

¹¹ Idle exhaust emissions come out of the vehicle tailpipe while it is operating, but not traveling any substantial distance. This process captures emissions from heavy-duty vehicles that idle for extended periods of time while loading or unloading goods. Idle exhaust is calculated only for heavy-duty trucks.

surface. For this analysis, it was assumed that approximately 0.93 tons of ammonia nitrate fuel oil and 257 detonators would be used daily and that all ore would be crushed underground. Emission factors from EPA's AP-42: Compilation of Air Emission Factors were used to estimate emissions for ammonia nitrate fuel oil (AP-42 Chapter 13.3 – Explosives Detonation) (EPA 1980), detonators (AP-42 Chapter 15.9 – Blasting Caps, Demolition Charges, and Detonators) (EPA 2009), and crushing (AP-42 Chapter 11.19.2 – Crushed Stone Processing and Pulverized Mineral Processing) (EPA 2004).

Ore Processing

Ore hoisted from the Brunswick shaft would be placed in the existing concrete silo located on the Brunswick property and then transported using chutes and enclosed conveyor to a fully enclosed ore processing plant. Ore would be conveyed from the silo to inside the processing plant and grinding mill where water is added and the ore is ground to size before the gold is recovered. A gravity concentrator is in the grinding circuit to recover approximately 70% of the gold. The slurry of ore and water that results from this process would be pumped to a second gold recovery system, sulfide flotation, where the remaining recoverable gold is captured in a sulfide mineral concentrate. Each method would remove gold from the ore into a concentrate. The gold concentrate would be dewatered using thickeners and filter presses before it is bagged for off-site shipment. The gravity gold concentrate may be further concentrated on site using gravity and water to create gold doré bars. Approximately 20 tons of gold concentrate would be produced and bagged on site per day. Sand tailings (waste) from the gold recovery process would be dewatered and used for either backfill for the underground mine or stockpiled for transport and used as engineered fill. Emission factors from EPA's AP-42: Compilation of Air Emission Factors were used to estimate emissions of PM₁₀ and PM_{2.5} for conveyance/transfer, screening, and grinding of the ore in the processing building (AP-42 Chapter 11.19.2 – Crushed Stone Processing and Pulverized Mineral Processing) (EPA 2004).

Reagent Storage

Various reagents would be used for ore processing (i.e., for collection, promotion, frothing, flocculation, descaling), which would result in emissions of ROG. ROG emissions were estimated based on factors included in the reagent-specific Material Safety Data Sheets.

Fuel Tank Storage

ROG emissions from breathing and working losses associated with the aboveground diesel storage tanks were estimated using the EPA TANKS model (Version 4.09d). It was assumed a 30,000-gallon tank and 1,200-gallon tank would be located at the Brunswick and Centennial Industrial Site, respectively.

Earthwork and Material Handling

Barren rock hoisted from the Brunswick shaft will be placed in the existing concrete silo located at the Brunswick Industrial Site. The barren rock will be transported from the concrete silo using a series of chutes and conveyors to a fully enclosed truck loading building. Barren rock may be mixed with sands from the ore processing plant to create an engineered fill that meets appropriate geotechnical specifications for construction of development pads. Engineered fill would be transported from the ore processing facility to a receiving site, where it would be spread using a dozer and grader. Fugitive dust emissions associated with the earthwork activities (i.e., material transfers to/from trucks and fill spreading at the Centennial and Brunswick Industrial Sites) were estimated using default equations and assumptions from CalEEMod based on 1,000-ton-per-day material transfer and 0.5-acre per 8-hour

day potential disturbance associated with each dozer and grader. Notably, for fill transported to off-site industrial sites (for year 2033 and beyond), emissions associated with grading were not included since it was assumed that the other industrial facilities are already receiving, or would receive, fill from other sources.

Architectural Coatings

ROG off-gassing emissions result from evaporation of solvents contained in surface coatings, such as in paints and primers used during building maintenance. Default assumptions from CalEEMod were applied in the analysis, which calculates the ROG evaporative emissions from application of nonresidential surface coatings based on the ROG emissions factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The model default reapplication rate of 10% of area per year was assumed (CAPCOA 2017).

Consumer Products

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products (CAPCOA 2017). Consumer product ROG emissions were estimated using default assumptions from CalEEMod based on the floor area of nonresidential buildings and on the default factor of pounds of ROG per building square foot per day. For parking lot land uses, CalEEMod estimates ROG emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of ROG per square foot per day.

2.4.2.3 Reclamation Emissions

Upon completion of underground mining, access to underground workings would be closed, consistent with federal and state regulations. Upon completion of aboveground ore processing and off-site sale of engineered fill, the Brunswick Industrial Site would be reclaimed, with the majority of the aboveground facilities and structures remaining to support the site's post-mining industrial land use. All paved surfaces, including access roads, parking areas, and driveways, would remain to facilitate access to the site and buildings. The Brunswick and Centennial Industrial Sites fill slopes would be revegetated with an erosion-control seed mix to reduce erosion and maintain fill slope stability. The reclamation phase was assumed to occur in the year 2103 over a period of approximately 3-months, based on the assumptions provided by Rise, which are summarized in Table 8, Reclamation Off-Road Equipment Assumptions, and Table 9, Reclamation On-Road Vehicle Trip Assumptions.

Table 8. Reclamation Off-Road Equipment Assumptions

Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
Reclamation	1/2103 – 3/2103	Forklift	Diesel	2	4	6
		Crane	Diesel	1	4	6

Notes: See Appendix A for details

Table 9. Reclamation On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	16.8	16	269	1,216	20,429
Pickup Trucks	15	8	120	608	9,120

Notes: VMT = vehicle miles traveled

See Appendix A for complete details.

Pickup trucks would be used on-site, with a conservative trip length of 15 miles.

Worker trip lengths are based on the CalEEMod default rural trip lengths for NSAQMD.

2.4.2.4 Health Risk Assessment

An HRA was performed to evaluate potential health risk associated with construction and operations of the project. Notably, in addition to the typical day-to-day construction equipment listed in Table 4 and Table 6, 2,655 horsepower (hp) diesel generators could be required as emergency backup for Pacific Gas & Electric (PG&E) line power during construction (two generators) and operations (four generators). For purposes of estimating annual emissions and health risk, during potential line power outages, the emergency generators were assumed to operate for up to 24 hours per day, for 9 days per year, as a conservative estimate based on the Public Safety Power Shutoffs (“de-energization”) in recent years (CPUC n.d.). Emissions for the generators were estimated based on the exhaust emission data sheets for the representative Cummins model QSK60-G17, which are Tier 4 Final engines. Potential emergency generator use is discussed further in Section 2.6, Emergency Generators during Public Safety Power Shutoffs. The following discussion summarizes the dispersion modeling and HRA methodology. Supporting documentation, including detailed assumptions, is presented in Appendix B.

A dispersion modeling analysis was conducted for the HRA of DPM emitted from diesel vehicles and off-road equipment, and TACs from fugitive dust sources on the project site to assess the health risk impacts of the project’s construction and operation on proximate off-site sensitive receptors. The dispersion modeling was performed using AERMOD Version 19191, which is the model that EPA approved and NSAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for project construction and operations included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD, Version 19191, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.8.3. A unit emission rate (1 gram per second) was normalized over each unique source of emissions for the AERMOD run to obtain the “X/Q” values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and period averaging periods.
- **Meteorological Data:** The nearest stations with processed meteorological data for use in AERMOD are Blue Canyon (17 miles away), Auburn (18 miles away), and Beale (22 miles away). Blue Canyon was selected since it is the closest station and is the most representative of the project site. The latest 6-year meteorological data (2009–2014) for the Blue Canyon – Nyack Airport were downloaded from CARB, and then input to AERMOD.

- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The rural dispersion option was selected based on the predominant development within 2 kilometers of the project site.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** The HRA evaluates the risk to existing sensitive (including residential) receptors located in proximity to the project site. Discrete cartesian receptors were placed at residents proximate to the project site. A uniform Cartesian grid of 4,426 by 3,299 meters was centered over the project site to capture the maximum point of impact and extent of the plume isopleth.
- **Source Release Scenario:** Emission source specific variable emission scalars were used for those sources not operating 24 hours per day, 365 days per year, as shown in Appendix B.
- **Buildings:** The project's buildings were imported into AERMOD from the applicant's GIS dataset. Appropriate building heights were assigned where available.

Plot files generated in AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program Version 2 (HARP2), with ground level concentrations determined by multiplication of emission rates and X/Q values for each individual source of emissions. HARP2 then assessed resulting cancer and noncancer risk at the existing receptors from exposure to TAC emissions. For residential health risk, the HRA was based on the assumption that exposure to TAC emissions would start in the 3rd trimester of pregnancy, for a duration of 30 years,¹² in accordance with the Office of Environmental Health Hazard Assessment's (OEHHA's) Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015 (2015 Risk Assessment Guidelines Manual; OEHHA 2015).

2.4.3 Applicant Proposed Measures

Applicant Proposed Measures (APMs) that are relevant to the air quality analysis are presented below. This impact analysis assumes that all APMs would be implemented as defined below.

APM-AQ-1: Exhaust Emission Controls. The following measures shall be implemented during construction, operation, and reclamation to reduce exhaust emissions:

- All off-road diesel-fueled equipment and emergency generators owned by Rise Grass Valley Inc. shall be equipped with Tier 4 Final engines.
- Unnecessary construction vehicle idling time shall be minimized. The ability to limit construction vehicle idling time is dependent on the sequence of activities and when and where vehicles are needed or staged. Certain vehicles, such as large diesel-powered vehicles, have extended warm-up times following start-up that limit their availability for immediate use. Where such diesel-powered vehicles are required for repetitive construction tasks, these vehicles may require more idling time. The project shall apply a "common sense" approach to vehicle use such that idling is reduced as much as possible below the maximum of 5

¹² OEHHA describes cancer risk evaluations for 9-, 30-, and 70-year exposure durations in the 2015 Risk Assessment Guidelines Manual, and identifies that the 9- and 30-year durations correspond to the average and high-end of residency time recommended by the EPA, with the 30-year exposure duration recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident in all HRAs (OEHHA 2015).

consecutive minutes required by regulation (13 CCR 2449 and 2485). If a vehicle is not required for use immediately or continuously for activities or for other safety-related reasons, its engine shall be shut off.

- All off-road equipment shall be maintained in accordance with manufacturer's specifications. All equipment shall be checked by a qualified mechanic, and equipment shall be confirmed that it is in proper condition prior to operation.

APM-AQ-2: Fugitive Dust Controls. The following measures shall be implemented during construction, operation, and reclamation to reduce fugitive dust emissions:

- All exposed soil surfaces (e.g., unpaved disturbed areas, unpaved parking areas, and unpaved staging areas, and soil piles) shall be adequately wetted to ensure that no visible dust crosses the property boundary, except when rains are occurring. As an alternative to watering, inactive soil piles shall be covered to minimize wind erosion.
- All on-site roadways shall be paved as soon as possible after grading.

2.5 Impact Analysis

2.5.1 Threshold AQ-1

Would the project conflict with or obstruct implementation of the applicable air quality plan?

An area is designated as "in attainment" when it is in compliance with the federal and/or state standards. These standards are set by the EPA or CARB for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or public welfare with a margin of safety. As discussed in Section 2.3.1, Attainment Designation, western Nevada County, which includes the project site, is designated as nonattainment for the federal and state O₃ standards. The County is also designated as nonattainment for the state PM₁₀ standard. As a nonattainment area, the NSAQMD submitted an Ozone Attainment Plan to the EPA (NSAQMD 2018). Once adopted by the EPA, the Ozone Attainment Plan will be a federally enforceable air quality attainment plan for western Nevada County designed to reduce emissions of O₃ precursors (ROG and NO_x) to attain the federal 8-hour O₃ standard by December 31, 2021, in accordance with the Clean Air Act.

The general criteria for determining if a project would conflict or obstruct implementation of an Ozone Attainment Plan are (1) whether the project would exceed the NSAQMD CEQA thresholds of significance for O₃ precursors (ROG and NO_x) and could delay the timely attainment of the ambient air quality standards or interim emission reductions of the Ozone Attainment Plan, and/or (2) whether the project would result in demographic growth that would exceed the forecasts included in the Ozone Attainment Plan.

To address the criterion of whether the project would exceed the NSAQMD CEQA significance thresholds for O₃ precursors and potentially delay the timely attainment of the ambient air quality standards or interim emission reductions of the Ozone Attainment Plan, an air quality modeling analysis that identified the project's impact on air quality was performed. This quantitative analysis is presented in Section 2.5.2, Threshold AQ-2. Per the NSAQMD, unmitigated project-generated emissions that are greater than zero (i.e., at Levels A, B, or C) are potentially significant and require mitigation. As presented in Threshold AQ-2, maximum daily unmitigated emissions of ROG would be at Level A and maximum NO_x emissions would be at Level B during construction and operations. Therefore,

prior to mitigation, the project would result in potentially significant levels of ROG and NO_x and could conflict with or obstruct implementation of the Ozone Attainment Plan per criterion 1.

Regarding demographic growth, forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) were developed by NCTC for its 2015–2035 RTP (NCTC 2018). The Ozone Attainment Plan relies on the land use and population projections provided in the 2015–2035 RTP, which is generally consistent with the local plans in Nevada County; therefore, the Ozone Attainment Plan is generally consistent with local government plans. The Brunswick Industrial Site is currently zoned Light Industrial (M1) with Site Performance Combining District (SP), which would be rezoned to Light Industrial with Mineral Extraction Combining District (M1-ME). The primary purpose of the Mineral Extraction Combining District is to inform the public of the potential for mineral extraction. However, the base zoning district of M1 would remain the same.

As described in the 2015–2035 RTP, the mining, logging, and construction industry in Nevada County has resulted in an increase in 390 jobs from 2009 to 2014. Additionally, the mining, logging, and construction industry is projected to be the fastest-growing market through 2022, with an anticipated 37.4% growth rate (NCTC 2018). During full operations, the project would require approximately 312 direct employees. With development of the project, there may be a potential to result in population growth in the event that new employees move to the area. However, it is anticipated that most of the jobs associated with the project would be filled by residents within the vicinity of the project site. Thus, the project would not result in regional growth that is not accounted for within the Ozone Attainment Plan.

Mitigation Measures

MM-AQ-1 (Mitigations for Use During Construction) and MM-AQ-2 (Construction Exhaust Emissions Minimization Plan) would reduce ROG and NO_x emissions during short-term construction. See Section 2.5.2, Threshold AQ-2, for a description of MM-AQ-1 and MM-AQ-2.

Level of Significance After Mitigation

During construction and operations, emissions of ROG and NO_x would be considered less-than-significant after mitigation and the project would not conflict with or obstruct implementation of the Ozone Attainment Plan.

2.5.2 Threshold AQ-2

Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable Federal or State ambient air quality standard?

Past, present, and future development projects may contribute to adverse air quality impacts in the MCAB on a cumulative basis. In developing thresholds of significance for air pollutants, NSAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be considered cumulatively considerable, resulting in a significant adverse air quality impact to the region's existing air quality conditions. Therefore, if the project's emissions are below the NSAQMD's thresholds, then the project would not result in a cumulatively considerable increase of any criteria air pollutant.

As described in Section 2.4.2.1, Construction Emissions, for purposes of estimating project emissions, construction of the project is anticipated to occur over 12 months and assumed to take place from January 2021 through December 2021. Sources of air pollutant emissions during construction would include exhaust from off-road equipment and on-road vehicles (i.e., trucks and worker vehicles), fugitive dust associated with grading and material handling, and ROG off-gassing from architectural coatings and asphalt paving. Many of the operational sources of air pollutant emissions would be similar to construction, and would include off-road equipment (surface and underground), on-road vehicles, underground blasting and crushing, ore processing, reagent storage, fuel tank storage, earthwork and material handling, architectural coatings for repainting, and worker consumer products. Detailed assumptions associated with project construction and operations emission calculations are included in Appendix A.

Table 10 shows the estimated maximum daily unmitigated emissions associated with construction and operation of the project. As discussed in Section 2.4.1, the NSAQMD has established Level A, B, and C thresholds for ROG, NO_x, and PM₁₀. Per the NSAQMD, unmitigated project-generated emissions that are greater than zero are potentially significant and require mitigation.¹³ While no numeric thresholds have been established for CO, SO_x, or PM_{2.5}, emissions are presented for disclosure.

Table 10. Maximum Daily Project Emissions – Unmitigated

	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Source	Pounds per Day					
Year 2021 – Construction/Dewatering						
Off-Road Equipment ^a	6.71	53.84	50.83	0.10	2.30	2.15
On-Road Vehicles ^b	1.53	5.22	10.85	0.04	3.40	0.98
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	1.43	0.21
Architectural Coatings	2.64	—	—	—	—	—
Asphalt Off-Gassing	0.38	—	—	—	—	—
Maximum Total Daily Emissions	11.38	59.06	61.68	0.13	7.13	3.34
NSAQMD Significance Threshold Level ^c	Level A (<24)	Level B (24-136)	N/A	N/A	Level A (<79)	N/A
Significant (Yes/No or Potentially)? ^d	Potentially	Potentially	No	No	Potentially	No
Year 2022 to 2026 – Mining, Brunswick Industrial Site Operations, Fill Placement at Centennial Industrial Site						
Off-Road Equipment ^a	1.80	17.14	86.65	0.13	0.17	0.17
On-Road Vehicles ^b	1.90	23.41	6.53	0.05	16.61	4.39
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—

¹³ Following implementation of NSAQMD-recommended mitigation measures (as specified separately for Level A, B, and C) only emissions that exceed Level C thresholds are considered significant and unavoidable.

Table 10. Maximum Daily Project Emissions – Unmitigated

Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	<i>Pounds per Day</i>					
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.24	0.03
Architectural Coatings	0.26	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	8.99	56.41	155.58	2.04	23.21	5.62
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level B (24-136)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	Potentially	Potentially	No	No	Potentially	No
<i>Year 2027 to 2032 – Mining, Brunswick Industrial Site Operations, Fill Placement at Brunswick Industrial Site</i>						
Off-Road Equipment ^a	1.80	17.14	86.65	0.13	0.17	0.17
On-Road Vehicles ^b	1.23	16.93	5.54	0.09	14.94	3.91
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.24	0.03
Architectural Coatings	0.26	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	8.32	49.92	154.59	2.08	21.54	5.14
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level B (24-136)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	Potentially	Potentially	No	No	Potentially	No
<i>Year 2033 to 2102 – Mining, Brunswick Industrial Site Operations, Fill Placement at Off-Site Location</i>						
Off-Road Equipment ^a	1.43	15.34	72.85	0.12	0.13	0.13
On-Road Vehicles ^b	1.04	30.74	6.58	0.15	30.59	7.93
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.00	0.00
Architectural Coatings	0.26	—	—	—	—	—

Table 10. Maximum Daily Project Emissions – Unmitigated

	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Source	<i>Pounds per Day</i>					
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	7.75	61.93	141.83	2.13	36.91	9.09
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level B (24-136)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	Potentially	Potentially	No	No	Potentially	No
<i>Year 2103 – Reclamation</i>						
Off-Road Equipment ^a	0.08	0.32	3.91	0.01	0.01	0.01
On-Road Vehicles ^b	0.19	0.36	0.90	0.01	0.48	0.13
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Maximum Total Daily Emissions	0.39	0.68	4.81	0.01	0.49	0.14
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level A (<24)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	Potentially	Potentially	No	No	Potentially	No

Source: Appendix A

Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM₁₀ = particulate matter with an aerodynamic diameter equal to or less than 10 microns; PM_{2.5} = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns; NA = not applicable; NSAQMD = Northern Sierra Air Quality Management District.

^a Accounts for APM-AQ-1 (Exhaust Emission Controls), including Tier 4 Final equipment owned by Rise Grass Valley Inc..

^b For APM-AQ-2 (Fugitive Dust Controls), a control efficiency of 55% was included when calculating the emissions of PM₁₀ and PM_{2.5} during grading and fill spreading to account for water truck fugitive dust control. Also, all on-site roads were assumed to be paved.

^c The NSAQMD Threshold Levels are shown in Table 3.

^d Significance is based on Table 3 thresholds. For Level A or B criteria, emissions are considered potentially significant and trigger mitigation. If the emissions exceed the Level C threshold, they are considered significant and require greater mitigation. After incorporation of feasible mitigation, emissions at Level A or B would be less than significant, and emissions at Level C (i.e., >136 pounds per day) would be significant and unavoidable.

As shown in Table 10, daily unmitigated emissions of ROG, NO_x and PM₁₀ would be potentially significant (Level A or B) according to the NSAQMD significance criteria; therefore, mitigation is required. No criteria air pollutants would be at Level C. The NSAQMD does not have significance criteria for SO₂, CO, or PM_{2.5}. According to NSAQMD guidance, emissions exceeding the Level A significance threshold would contribute to existing nonattainment conditions and may also interfere with the region's ability to maintain ambient air quality standards if no mitigation is implemented.

Health Effects of Criteria Air Pollutants

ROG and NO_x are precursors to O₃, for which the MCAB is designated as nonattainment with respect to the NAAQS and CAAQS. As discussed previously, the health effects associated with O₃ are generally associated with reduced lung function. The contribution of ROG and NO_x to regional ambient O₃ concentrations is the result of complex photochemistry. The increases in O₃ concentrations in the MCAB due to O₃ precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential

for exacerbating excessive O₃ concentrations would also depend on the time of year that the ROG emissions would occur because exceedances of the O₃ NAAQS and CAAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O₃ precursors is speculative due to the lack of quantitative methods to reliably and meaningfully assess this impact. Thus, a project's ROG and NO_x emissions are evaluated in the context of the NSAQMD significance thresholds, which define the levels of emissions that can occur without causing or contributing to violations of the NAAQS or CAAQS. In turn, the NAAQS and CAAQS define the pollutant concentrations above which adverse health effects are expected to occur. Nonetheless, because ROG and NO_x emissions associated with project construction and operation would be potentially significant before mitigation, the project could minimally contribute to regional O₃ concentrations and the associated health effects.

Health effects that result from NO_x (including NO₂) include respiratory irritation. NO_x emissions from project construction and operation would be at Level B. Construction and operation of the project is not anticipated to contribute to exceedances of the NAAQS or CAAQS for NO₂ because the MCAB is designated as in attainment of the NAAQS and CAAQS for NO₂, and the existing NO₂ concentrations in the area are well below the NAAQS and CAAQS standards.

CO tends to be a localized impact associated with congested intersections. As described in Section 2.5.3, Threshold AQ-3, the project would result in minimal new traffic trips and would not exceed the CO screening criteria resulting in the formation of potential CO hotspots. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the project would result in PM₁₀ emissions at NSAQMD threshold Level A, which would be considered potentially significant before mitigation. As such, the project would potentially contribute to exceedances of the CAAQS for PM₁₀, and would potentially obstruct the MCAB from coming into attainment for these pollutants. The project would be required to comply with NSAQMD Rule 207, Particulate Matter, and Rule 226, Dust Control, and would implement APM-AQ-2, Fugitive Dust Controls, which would limit the amount of dust generated during construction and operation.

Notably, as detailed in Appendix C, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, such as the disconnect between mass emissions and concentrations due to secondary pollutant (such as O₃) generation and pollutant transport, as well as the inaccuracy of applying regional and population-wide models to a local level in order to estimate health effects, and there are currently no modeling tools endorsed by an expert agency (i.e., NSAQMD) that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects.

Mitigation Measures

MM-AQ-1: **Mitigations for Use During Construction.** The following measures are from the Northern Sierra Air Quality Management District and are based on the significance threshold level of emissions.

For all Significance Level Thresholds (A, B, and C)

- a. Alternatives to open burning of vegetative material shall be used unless deemed infeasible by the Northern Sierra Air Quality Management District. Among suitable alternatives are chipping, mulching, or conversion to biomass fuel.

- b. Grid power shall be used (as opposed to diesel generators) for job site power needs where feasible during construction.

Additional Measures for Classification as Level B Threshold

- c. All controls discussed above (a and b) shall be implemented.
- d. Temporary traffic control shall be provided during all phases of the construction to improve traffic flow as deemed appropriate by the local transportation agencies and/or the California Department of Transportation.
- e. Construction activities shall be scheduled to direct traffic flow to off-peak hours as much as practicable.

MM-AQ-2: Construction Exhaust Emissions Minimization Plan. Rise Grass Valley Inc. or its designee shall submit a Construction Exhaust Emissions Minimization Plan to Nevada County or its designated representative for review and approval. The Construction Exhaust Emissions Minimization Plan shall detail project compliance with the following requirements:

- Where access to alternative sources of power and alternative-fueled equipment are available, portable diesel engines shall be prohibited.
- All diesel-powered equipment with engines equal to or greater than 50 horsepower (hp) shall be powered by California Air Resources Board (CARB) certified Tier 4 Final engines. If 50 hp or greater engines that comply with Tier 4 Final emissions standards are not commercially available, then the project applicant shall ensure that all diesel-powered equipment equal to or greater than 25 hp will have at least CARB-certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies available for the engine type, such as Level 3 Diesel Particulate Filters (Tier 4 engines automatically meet this requirement).
 - a. For purposes of this mitigation measure, “commercially available” shall mean the availability of the Tier 4 Final equipment, taking into consideration factors such as critical path timing of construction and geographic proximity of the equipment location to the project site.
 - b. The project applicant shall maintain and submit records to Nevada County concerning its efforts to comply with this requirement.

Level of Significance After Mitigation

The emission data presented in Table 10 (i.e., unmitigated emissions) reflect the reductions that would occur with implementation of APM-AQ-1 and APM-AQ-2. Table 11 shows the estimated maximum daily mitigated emissions associated with construction and operation of the project, accounting for additional emissions reductions associated with MM-AQ-2, which would result in a reduction in construction contractors’ equipment exhaust criteria air pollutants during project construction (year 2021).¹⁴ No additional reductions could be quantified for MM-AQ-1, which are the NSAQMD recommended mitigation measures that are applicable to the project (NSAQMD 2019a).

¹⁴ Tier 4 standards for engine hp between 11 hp and 75 hp were available starting in 2008. For engines with hp between 75 and 175, Tier 4 engines were available starting in 2012. For engine hp between 175 and greater than 1,200, Tier 4 engines were available starting in 2011. As such, equipment engines that meet Tier 4 emission standards are currently available at the time of this analysis, and would continue to be available during the project’s construction and operational years (starting in 2021) (EPA 2016).

Table 11. Maximum Daily Project Emissions – Mitigated

	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Source	Pounds per Day					
Year 2021 – Construction/Dewatering						
Off-Road Equipment ^a	3.25	15.97	54.08	0.10	0.60	0.60
On-Road Vehicles ^b	1.53	5.22	10.85	0.04	3.40	0.98
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	1.43	0.21
Architectural Coatings	2.64	—	—	—	—	—
Asphalt Off-Gassing	0.38	—	—	—	—	—
Maximum Total Daily Emissions	7.92	21.19	64.94	0.13	5.44	1.79
NSAQMD Significance Threshold Level ^c	Level A (<24)	Level A (<24)	N/A	N/A	Level A (<79)	N/A
Significant (Yes/No or Potentially)? ^d	No	No	No	No	No	No
Year 2022 to 2026 – Mining, Brunswick Industrial Site Operations, Fill Placement at Centennial Industrial Site						
Off-Road Equipment ^a	1.80	17.14	86.65	0.13	0.17	0.17
On-Road Vehicles ^b	1.90	23.41	6.53	0.05	16.61	4.39
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.24	0.03
Architectural Coatings	0.26	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	8.99	56.41	155.58	2.04	23.21	5.62
NSAQMD Significance Threshold Level ^c	Level A (<24)	Level B (24-136)	N/A	N/A	Level A (<79)	N/A
Significant (Yes/No or Potentially)? ^d	No	No	No	No	No	No
Year 2027 to 2032 – Mining, Brunswick Industrial Site Operations, Fill Placement at Brunswick Industrial Site						
Off-Road Equipment ^a	1.80	17.14	86.65	0.13	0.17	0.17
On-Road Vehicles ^b	1.23	16.93	5.54	0.09	14.94	3.91
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—

Table 11. Maximum Daily Project Emissions – Mitigated

Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	<i>Pounds per Day</i>					
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.24	0.03
Architectural Coatings	0.26	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	8.32	49.92	154.59	2.08	21.54	5.14
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level B (24-136)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	No	No	No	No	No	No
<i>Year 2033 to 2102 – Mining, Brunswick Industrial Site Operations, Fill Placement at Off-Site Location</i>						
Off-Road Equipment ^a	1.43	15.34	72.85	0.12	0.13	0.13
On-Road Vehicles ^b	1.04	30.74	6.58	0.15	30.59	7.93
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	—	—	—	—	2.00	0.39
Reagent Off-Gassing	2.25	—	—	—	—	—
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Earthwork – Disturbed Areas/Material Handling ^b	—	—	—	—	0.00	0.00
Architectural Coatings	0.26	—	—	—	—	—
Consumer Products	2.65	—	—	—	—	—
Maximum Total Daily Emissions	7.75	61.93	141.83	2.13	36.91	9.09
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level B (24-136)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	No	No	No	No	No	No
<i>Year 2103 – Reclamation</i>						
Off-Road Equipment ^a	0.08	0.32	3.91	0.01	0.01	0.01
On-Road Vehicles ^b	0.19	0.36	0.90	0.01	0.48	0.13
Diesel Fuel Tanks – Breathing/Working	0.12	—	—	—	—	—
Maximum Total Daily Emissions	0.39	0.68	4.81	0.01	0.49	0.14
<i>NSAQMD Significance Threshold Level^c</i>	<i>Level A (<24)</i>	<i>Level A (<24)</i>	<i>N/A</i>	<i>N/A</i>	<i>Level A (<79)</i>	<i>N/A</i>
Significant (Yes/No or Potentially)? ^d	No	No	No	No	No	No

Source: Appendix A

Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM₁₀ = particulate matter with an aerodynamic diameter equal to or less than 10 microns; PM_{2.5} = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns; NA = not applicable; NSAQMD = Northern Sierra Air Quality Management District.

- ^a Accounts for APM-AQ-1 (Exhaust Emission Controls), including Tier 4 Final equipment owned by Rise Grass Valley Inc.. Additionally, emissions estimates incorporate MM-AQ-2 (Control Measures for Construction Exhaust-Related Emissions), which requires all construction contractor equipment with engines 50 hp or greater to be Tier 4.
- ^b For APM-AQ-2 (Fugitive Dust Controls), a control efficiency of 55% was included when calculating the emissions of PM₁₀ and PM_{2.5} during grading and fill spreading to account for water truck fugitive dust control. Also, all on-site roads were assumed to be paved.
- ^c The NSAQMD Threshold Levels are shown in Table 3.
- ^d Significance is based on Table 3 thresholds. For Level A or B criteria, emissions are considered potentially significant and trigger mitigation. If the emissions exceed the Level C threshold, they are considered significant and require greater mitigation. After incorporation of feasible mitigation, emissions at Level A or B would be less than significant, and emissions at Level C (i.e., >136 pounds per day) would be significant and unavoidable.

Per the NSAQMD, implementation of recommended mitigation measures for Level A and B thresholds would reduce project impacts from potentially significant to less than significant. Thus, as shown in Table 11, ROG, NO_x, and PM₁₀ would be at either Level A or B and would be less than significant during all years of project construction and operation after mitigation. Because construction and operation of the project would not exceed the NSAQMD significance thresholds for ROG, NO_x, or PM₁₀, and because the NSAQMD thresholds are based on levels that the MCAB can accommodate without affecting the attainment date for the AAQS (the AAQS are established to protect public health and welfare), it is anticipated that the project would result in less-than-significant health effects associated with ROG, NO_x, and PM₁₀.

2.5.3 Threshold AQ-3

Would the project expose sensitive receptors to substantial pollutant concentrations?

Health Impacts of Toxic Air Contaminants

Project construction and operation activities would produce DPM emissions (with PM₁₀ exhaust modeled as surrogate) due to equipment, such as loaders and backhoes, and haul truck trips, and TAC emissions from mining and soil movement. In addition, for purposes of the HRA and in an abundance of caution, emergency generators were assumed to operate during power outages for 24 hours per day, for up to 9 days per year, during project construction and operations. This is a conservative estimate based on the Public Safety Power Shutoffs in recent years (CPUC n.d.). There is also naturally occurring asbestos and silica within the excavated rock, which may result in the release of these TACs. These emissions could result in elevated concentrations of TAC emissions at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, as discussed in Section 2.4.2.4, Health Risk Assessment, an HRA was performed to determine the extent of increased cancer risks and hazard indices at the maximally exposed receptors. The detailed HRA is included as Appendix B, with results summarized below.

The maximally exposed receptor was estimated to be the nearest existing residence, which is north of the Brunswick Industrial Site. Potential health risks at the maximally exposed individual residence resulting from construction and operational activities of the project are shown in Table 12.

Table 12. Project Construction and Operational Health Risk Results

Receptor	Cancer Risk (persons per million)	Chronic Impact	Acute Impact
<i>Unmitigated</i>			
Maximally Exposed Individual Resident ^a	9.49	0.15	0.0003

NSAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	No	No	No
Mitigated^b			
Maximally Exposed Individual Resident ^a	6.10	0.15	0.0003
NSAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	No	No	No

Source: Appendix B

Notes: NSAQMD = Northern Sierra Air Quality Management District; OEHHHA = Office of Environmental Health Hazard Assessment
 TAC exposure at receptors modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 30 years, per the OEHHHA 2015 Risk Assessment Guidelines Manual.

- ^a The maximally exposed individual resident for annual cancer and chronic health risk impacts is located north of the project site at UTM coordinates 671091.4 meter Easting (m E)/4342277.23 meters Northing (m N).
^b Mitigated risk values incorporate MM-AQ-2 (Control Measures for Construction Exhaust-Related Emissions), which requires all construction contractor equipment with engines 50 hp or greater to be Tier 4.

As shown in Table 12, the incremental cancer risk at the maximally exposed individual resident of 9.49 in 1 million (assuming exposure starts in 3rd trimester) from project construction and operation would not exceed the NSAQMD threshold of 10 in 1 million. With incorporation of higher-tier engines during construction, as included in MM-AQ-2, the project would result in an incremental cancer risk of 6.10 in 1 million. The unmitigated and mitigated chronic hazard index would be 0.15 and 0.15 at the maximally exposed individual resident, respectively, which would be below the NSAQMD threshold of 1.0. The unmitigated and mitigated acute hazard index would be 0.0003 and 0.0003 at the maximally exposed individual resident, respectively, which would be below the NSAQMD threshold of 1.0. Project health risk impacts associated with construction and operation would, thus, be less than significant.

Local Carbon Monoxide Concentrations

Mobile source impacts occur on two scales of motion. Regionally, project-related travel would add to regional trip generation and increase VMT within the local airshed and the MCAB. Locally, project-generated traffic would be added to the County's roadway system near the project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. However, because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the MCAB is steadily decreasing.

The NSAQMD thresholds of significance for local CO emissions are the 1-hour and 8-hour CAAQS of 20 ppm and 9 ppm, respectively. By definition, these represent levels that are protective of public health. As noted previously, Nevada County is currently designated attainment for both state and national CO ambient air quality standards, and the County typically experiences low background CO concentrations.

Projects contributing to adverse traffic impacts may result in the formation of CO hotspots. To verify that the project would not cause or contribute to a violation of the CO standard, a screening evaluation of the potential for CO hotspots was conducted. A traffic impact analysis (KD Anderson & Associates, Inc. 2020) evaluated the level of service (LOS) (i.e., increased congestion) impacts at intersections affected by the project. The potential for CO hotspots was evaluated based on the results of the traffic report. The NSAQMD indicates that if a traffic study is performed for a project, it should identify any intersection(s) that would fall at Level of Service D or higher under the project alone or cumulative development scenarios, and a CO analysis should be prepared using the California Department of

Transportation (Caltrans) and University of California, Davis, Institute of Transportation Studies CO Protocol (Caltrans 1997) or California LINE Source Dispersion Model (CALINE4) (Caltrans 1998a), as appropriate.

The project's traffic analysis evaluated 23 intersections and 11 roadway segments based on existing traffic volumes and current street geometry. As shown in Appendix D, three of the study intersections operate at LOS D or worse in the Near-Term Existing Plus Project scenario:

1. Brunswick Road/Idaho Maryland Road (LOS F in PM)
2. Brunswick Road/State Route 174 (LOS E in PM)
3. Idaho Maryland Road/Centennial Drive (LOS F in PM)

The remaining intersections operate at an acceptable LOS during the AM and PM peak hours in the scenarios evaluated.

As shown in Appendix D, one of the study intersections operate at an LOS D or worse in the Year 2035 Plus Project scenario:

1. Sutton Way/Dorsey Drive (LOS F in PM)

The remaining intersections operate at an acceptable LOS during the AM and PM peak hours in the cumulative scenarios evaluated.

For each scenario (Near-Term Existing Plus Project conditions and Year 2035 Plus Project), the screening evaluation presents LOS and whether a quantitative CO hotspots analysis may be required. According to the CO Protocol, there is a cap on the number of intersections that need to be analyzed for any one project. For a single project with multiple intersections, only the three intersections representing the worst LOS ratings of the project, and, to the extent they are different intersections, the three intersections representing the highest traffic volumes, need be analyzed. For each intersection failing a screening test as described in this protocol, an additional intersection should be analyzed (Caltrans 1997). The potential impact of the project on local CO levels was assessed at these intersections with the Caltrans CL4 interface based on CALINE4, which allows microscale CO concentrations to be estimated along each roadway corridor or near intersections (Caltrans 1998a).

The emissions factor represents the weighted average emissions rate of the local County vehicle fleet expressed in grams per mile per vehicle. Emissions factors for the Near-Term Existing Plus Project conditions and Year 2035 Plus Project were predicted by EMFAC2017 based on a 5-mile-per-hour average speed for all of the intersections for approach and departure segments. The hourly traffic volume anticipated to travel on each link, in units of vehicles per hour, was based on information provided by the traffic consultant. Modeling assumptions are outlined in Appendix D.

Consistent with the CO Protocol, four receptor locations at each intersection were modeled to determine CO ambient concentrations. A receptor was assumed on the sidewalk at each corner of the modeled intersections, for a total of four receptors adjacent to the intersection, to represent the future possibility of extended outdoor exposure. CO concentrations were modeled at these locations to assess the maximum potential CO exposure that could occur. A receptor height of 5.9 feet (1.8 meters) was used in accordance with Caltrans recommendations for all receptor locations (Caltrans 1998b).

As depicted in Table 2, the maximum CO concentration measured at the nearest monitoring station over the last 3 years was 8.8 ppm, which was measured in 2018. This maximum 1-hour concentration value is used as the background concentration when evaluating the addition of the vehicle-generated CO emissions. To estimate an 8-hour average CO concentration, a persistence factor of 0.6, as calculated based on Caltrans guidance (Caltrans 1997), was applied to the output values of predicted concentrations in ppm at each of the receptor locations.

The results of the CALINE4 modeling are shown in Table 13. Model input and output data are provided in Appendix D.

Table 13. CALINE4 Predicted Carbon Monoxide Concentrations

Intersection	Maximum Modeled Impact (ppm)	
	1-Hour	8-Hour ^a
<i>Near-Term Existing Plus Project</i>		
Brunswick Rd/Idaho Maryland Rd (LOS F in PM)	9.3	5.58
Brunswick Rd/SR 174 (LOS E PM)	9.1	5.46
Idaho Maryland Rd/Centennial Dr (LOS F in PM)	9.2	5.52
<i>Year 2035 Plus Project</i>		
Sutton Way/Dorsey Dr (LOS F in PM)	9.0	5.40

Source: Caltrans 1997 (CALINE4).

Notes: ppm = parts per million

See Appendix D for model input and output data.

^a 8-hour concentrations were obtained by multiplying the 1-hour concentration by a persistence factor of 0.6 (Caltrans 1997).

As shown in Table 13, the maximum CO concentration predicted for the 1-hour averaging period at the studied intersections would be 9.3 ppm, which is below the 1-hour CO CAAQS of 20 ppm. The maximum predicted 8-hour CO concentration of 5.58 ppm at the studied intersections would be below the 8-hour CO CAAQS of 9 ppm. Neither the 1-hour CAAQS nor the 8-hour CAAQS would be equaled or exceeded at any of the intersections studied. Therefore, the project would not cause a CO hotspot and impacts would be less than significant.

Asbestos

Pursuant to the CARB ATCM for Construction, Grading, Quarrying and Surface Mining Operations, an Asbestos Dust Mitigation Plan (ADMP) is required to be submitted to the NSAQMD for any project with greater than one acre of surface disturbance if any portion of the area to be disturbed is mapped as having serpentine or ultramafic rock (and an exemption has not been granted pursuant to a “geologic evaluation” performed in accordance with the ATCM) or if any portion of the area to be disturbed has naturally-occurring asbestos, serpentine or ultramafic rock as determined by the owner/operator or the Air Pollution Control Officer. Because asbestos was found to be present in some of the underground mining material samples that Rise Grass Valley Inc. sent for laboratory analysis,¹⁵ impacts relating to asbestos are considered potentially significant and an ADMP (MM-AQ-3) is required to be implemented to reduce potential impacts to less than significant. However, if portions or phases of the project involve disturbance of only non-asbestos materials, and an exemption is granted by NSAQMD pursuant to a “geologic evaluation” performed in accordance with the ATCM, then an ADMP and mitigation measures set forth in

¹⁵ Samples containing naturally-occurring asbestos were from underground rock only; naturally-occurring asbestos is not known to outcrop at the surface of the Brunswick Site or Centennial Site.

MM-AQ-3 will not be required for that specific portion or phase of the project, but will be required for all other portions and phases for which an exemption has not been granted by NSAQMD.

Mitigation Measures

Implement **MM-AQ-2** (Construction Exhaust Emissions Minimization Plan) in order to reduce DPM.

MM-AQ-3: Asbestos Dust Mitigation Plan. The Asbestos Airborne Toxic Control Measure (ATCM) for Construction, Grading, Quarrying, and Surface Mining Operations (Title 17 of the California Code of Regulations [CCR] Section 93105) contains specific requirements for the preparation of an Asbestos Dust Mitigation Plan (ADMP). Rise Grass Valley Inc. shall submit an ADMP for Northern Sierra Air Quality Management District (NSAQMD) approval before any clearing, grading, or construction begins, and the provisions of the ADMP must be initiated at the beginning of the project (before clearing or grubbing) and maintained for the duration of the project. Conditions of the ADMP shall include the following:

- Provisions of this ADMP shall apply throughout construction, operation, and reclamation activities, except as specified otherwise.
- All visible track-out material (from vehicles leaving the work site) must be removed from all public roads at least once per day using wet sweeping or a HEPA-filter-equipped vacuum device.
- A gravel pad designed and maintained to effectively clean tires of exiting vehicles, a wheel wash system, or a minimum of 50 feet of pavement must be placed between the construction area and any public road, and must be used by all exiting vehicles (including personal vehicles and delivery trucks) throughout the duration of the project.
- All active storage piles shall be adequately wetted or covered with plastic to ensure that no visible dust crosses the property boundary. Potential dust emissions from disturbed surface areas and storage piles that will remain inactive for more than 7 days shall be controlled to completely prevent visible dust from crossing the property boundary by at least one of the following methods (per (e)(4)(C) of the ATCM):
 - a. Keeping the surface adequately wetted.
 - b. Applying chemical dust suppressants or chemical stabilizers according to the manufacturer's recommendations and all applicable regulations.
 - c. Covering with tarp(s) or vegetative cover.
 - d. Installing wind barriers of 50% porosity around three sides of all storage piles.
 - e. Installing wind barriers across open areas and between the project site and any adjacent occupied residential or business property.
- The maximum vehicle speed on all unpaved parts of the project site must be clearly posted and must not exceed 15 miles per hour.
- All areas where vehicles drive on the site, at all times when the area is subjected to vehicle or equipment traffic, shall be watered every 2 hours or kept adequately wetted to prevent visible dust emissions from leaving the property boundary, except where a gravel cover has been established that has a silt content of less than 5% and an asbestos content of less than 0.25% and is at least 3 inches thick.

- For all earthmoving activities, at least one of the following methods of dust control shall be implemented, per (e)(4)(E) of the ATCM:
 - a. Pre-wetting the ground to the depth of anticipated cuts.
 - b. Suspending grading operations when visible dust emissions from any aspect of the grading (including tires, fans, and exhaust) cross the property line.
- Trucks used for hauling material off site shall be maintained such that no spillage can occur from holes or other openings.
- All loads to be hauled off site shall be adequately wetted to prevent visible dust from escaping during transportation, per (e)(4)(F)2 of the ATCM, and shall either:
 - a. be completely covered with tarps; or
 - b. have at least 6 inches of freeboard on the sides of the bed of the vehicle, with no excavated material extending above the edges of the vehicle bed at any point.
- Upon completion of the project, disturbed surface areas shall be stabilized, per (e)(4)(G) of the ATCM, using one or more of the following methods:
 - a. establishment of a vegetative cover;
 - b. placement of at least 3 inches of material having an asbestos content of 0.25% asbestos or less as measured using an approved asbestos bulk test method; or
 - c. paving.
- The NSAQMD's Air Pollution Control Officer may require bulk sampling at any time. If bulk sampling is required, it shall be performed in accordance with California Air Resources Board Test Method 435. Where Method 435 specifies "serpentine," this shall apply to gravel, decomposed ultramafic rock, and any other material as specified by the Air Pollution Control Officer.
- The NSAQMD's Air Pollution Control Officer may require air monitoring at any time, and may modify the ADMP on the basis of results of the monitoring. If required, provisions of air monitoring shall be determined in coordination with the NSAQMD.
- Before site disturbance (e.g., clearing, grubbing, or grading) begins, the NSAQMD shall be informed by telephone at (530) 274-9360 of the exact day on which site disturbance will commence.

Level of Significance After Mitigation

As previously shown in Table 12, although risk levels would be below the NSAQMD thresholds without mitigation, implementation of MM-AQ-2 would further reduce the cancer risk results to 6.10 in a million. In addition, if any portions of the project and phases are not exempted by the NSAQMD from the ADMP based on geologic evaluation performed in accordance with the ATCM, implementation of MM-AQ-3 would minimize any potential asbestos in dust. Overall, the project would not expose sensitive receptors to substantial pollutant concentrations and this impact would be less than significant.

2.5.4 Threshold AQ-4

Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction and operation of the project would result in various emissions; however, criteria air pollutants, fugitive dust, and toxic air contaminants are addressed under Thresholds AQ-2 and AQ-3 (Sections 2.5.2 and 2.5.3, respectively). As such, the Threshold AQ-4 analysis is focused on the potential for the project to result in odor impacts. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the project. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Some of these activities would continue with project operations. However, such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people.

Land uses and industrial operations that typically are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, solid waste transfer stations, rendering plants, dairies, and fiberglass molding. The project does not propose the aforementioned odor-generating land uses and would not result in odors that would adversely affect a substantial number of people. This impact would be less than significant.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.6 Emergency Generator Use During Public Safety Power Shutoffs

In addition to the typical normal day construction and operational activities of the project, there is the potential that emergency diesel generators would be required to operate during PG&E outages based on recent Public Safety Power Shutoffs during high winds. These generators would be permitted by the NSAQMD for emergency use and are critical to the continuing operation of the facility and the safety of the workers during emergency situations, based on the following considerations:

- Ground water continually flows into the underground mine. If it is not pumped out, it would very quickly flood the lowest tunnels. This would destroy electrical equipment that was left in place and cause a lot of work when the workings would be again dewatered.
- The ventilation system must be continuously on in order to provide airflow through the underground workings. This is necessary to provide a safe environment underground.
- The compressed air system for the underground mine is important for emergency situations where the ventilation system could fail or a fire occur underground and therefore must be kept operational.
- Electric locomotives are needed to remain functional at all times to move persons and equipment from working headings to the shafts.
- Underground lighting at certain key locations is necessary for safety.
- The hoists must be available for use to move personnel and equipment from the underground to surface. If the hoists did not function the workers would be trapped underground.
- The processing plant recirculates water and ground minerals through its systems. This slurry must be constantly agitated so that the solids do not settle. If these machines are turned off during operations, the sand would settle in all of the tanks and pipes which is very costly and time consuming to remediate.
- The water treatment system must remain functional so that water can be treated and discharged. There is limited freeboard in the water treatment pond to accommodate long-term shutdown of the water treatment plant.

Public Safety Power Shutoffs are infrequent (as an example, 9 days of power outages would be a conservative representation based on the Public Safety Power Shutoffs in recent years) and emergency generator use may not be needed at all during construction and/or years of operations. However, for disclosure, maximum daily emissions were estimated for 2,655 hp emergency generator usage during construction (two generators) and operations (four generators), assuming all emergency generators would operate for 24 hours per day. Emissions for the generators were estimated based on the exhaust emission data sheets for the representative Cummins model QSK60-G17, which are Tier 4 Final engines. Since the use of emergency generators is speculative and beyond the reasonable control of Rise Grass Valley, Inc., the emissions presented in Table 14 are for informational purposes only.^{16,17}

Table 14. Emergency Generator Emissions During 24-Hour Power Outage

Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	<i>Pounds per Day</i>					
<i>Construction</i>						
Two Emergency Generators	3.60	71.92	187.00	0.99	0.72	0.71

¹⁶ The CEQA Guidelines state that if a particular impact is too speculative for evaluation, the agency should note its conclusion and terminate discussion of the impact (14 CCR 15145). California courts have consistently held that “an EIR is not required to engage in speculation in order to analyze a worst case scenario.” (See Napa Citizens for Honest Government v. Napa County Bd. of Supervisors (2001) 91 Cal.App.4th 342, 373.). This discussion is nonetheless provided in an effort to show good-faith analysis and comply with CEQA’s information disclosure requirements.

¹⁷ “The Stationary Engine ATCM allows owners and operators of emergency standby engines to use those engines to provide electrical power when a facility experiences the loss of normal electrical service that is beyond the reasonable control of the facility. Electrical service loss resulting from Public Safety Power Shutoff events is beyond the reasonable control of most back-up engine owners and operators, and therefore, appropriately- permitted emergency standby engines may be operated to provide electrical power during such an event pursuant to the Stationary Engine ATCM” (CARB 2019i).

Table 14. Emergency Generator Emissions During 24-Hour Power Outage

Source	ROG	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
	<i>Pounds per Day</i>					
<i>Operations</i>						
Four Emergency Generators	8.99	179.81	467.50	2.47	1.80	1.78

Source: Appendix A

Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM₁₀ = particulate matter with an aerodynamic diameter equal to or less than 10 microns; PM_{2.5} = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns.

3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period (decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the Sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of Earth's climate shows that the climate system varies naturally over a wide range of time scales, and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes, such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century, and is the most significant driver of observed climate change (EPA 2017; IPCC 2013). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions, and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code Section 38505(g), for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃) (see also 14 CCR 15364.5).¹⁸ Some GHGs, such as CO₂, CH₄, and N₂O, are emitted into the atmosphere through natural processes

¹⁸ Climate-forcing substances include GHGs and other substances, such as black carbon and aerosols. This discussion focuses on the seven GHGs identified in California Health and Safety Code Section 38505.

and human activities. Of these gases, CO₂ and CH₄ are emitted in the greatest quantities from human activities. Manufactured GHGs have a much greater heat-absorption potential than CO₂ and include fluorinated gases, such as HFCs, PFCs, and SF₆, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.¹⁹

Carbon Dioxide. CO₂ is a naturally occurring gas and a by-product of human activities; it is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO₂ include respiration of bacteria, plants, animals, and fungi; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO₂ are the combustion of fuels such as coal, oil, natural gas, and wood, and changes in land use.

Methane. CH₄ is produced through both natural and human activities. CH₄ is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N₂O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N₂O. Sources of N₂O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N₂O as a propellant (such as in rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric O₃-depleting substances (e.g., CFCs, HCFCs, and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to O₃-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the O₃-depleting substances. The two main sources of PFCs are aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF₆ is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF₆ is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF₃ is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

¹⁹ The descriptions of GHGs are summarized from the IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2018), and EPA's "Climate Change" (2017).

Chlorofluorocarbons (CFCs). CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere), and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O₃.

Hydrochlorofluorocarbons (HCFCs). HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of PM_{2.5}, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influencing cloud formation, and darkening the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived substance that varies spatially, which makes it difficult to quantify its global warming potential (GWP). Diesel exhaust emissions are a major source of black carbon, and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining DPM as a result of CARB's regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have been reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere, and maintains a climate necessary for life.

Ozone. Tropospheric O₃, which is created by photochemical reactions involving gases from both natural sources and human activities acts as a GHG. Stratospheric O₃, which is created by the interaction between solar ultraviolet radiation and molecular oxygen, plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O₃ due to chemical reactions that may be enhanced by climate change results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat, and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2017). The Intergovernmental Panel on Climate Change developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO₂; therefore, GWP-weighted emissions are measured in metric tons (MT) of CO₂ equivalent (CO₂e).

The current version of CalEEMod (Version 2016.3.2) assumes that the GWP for CH₄ is 25 (so emissions of 1 MT of CH₄ are equivalent to emissions of 25 MT of CO₂), and the GWP for N₂O is 298, based on the Intergovernmental Panel on Climate Change's Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the project.

3.2 Regulatory Setting

3.2.1 Federal Regulations

Massachusetts v. EPA. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act:

- The Administrator found that elevated concentrations of GHGs—CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆—in the atmosphere threaten the public health and welfare of current and future generations. This is the “endangerment finding.”
- The Administrator further found the combined emissions of GHGs—CO₂, CH₄, N₂O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the “cause or contribute finding.”

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act of 2007. The Energy Independence and Security Act of 2007 (December 2007), among other key measures, would do the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel by 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and directs the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards. In 2007, in response to the *Massachusetts v. EPA* U.S. Supreme Court ruling, the Bush Administration issued Executive Order (EO) 13432 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011; and, in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO₂ by model year 2025 on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200), and NHTSA intends to set standards for model years 2022–2025 in a future rulemaking.

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018. The standards for CO₂ emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6%–23% over the 2010 baselines (76 FR 57106–57513).

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model years 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types of sizes of buses and work trucks. The final standards are expected to lower CO₂ emissions by approximately 1.1 billion MT, and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

In August 2018, EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks, and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards now in place, the 2018 proposal would increase U.S. fuel consumption by approximately 0.5 million barrels per day (2–3% of total daily consumption, according to the Energy Information Administration), and would impact the global climate by 3/1000th of 1°C by 2100 (EPA and NHTSA 2018). California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures, and have committed to cooperating with other countries to implement global climate change initiatives.

On September 27, 2019, EPA and NHTSA published the “Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program.” (84 FR 51,310), which became effective November 26, 2019. The Part One Rule revokes California’s authority to set its own GHG emissions standards and set zero-emission-vehicle mandates in California. The Part One Rule impacts some of the underlying assumptions in the CARB EMFAC2014 and EMFAC2017 models for criteria air pollutant emissions from gasoline light-duty vehicles, which CARB released off-model adjustment factors for on November 20, 2019, primarily for use in federal Clean Air Act conformity demonstration analyses. California expects Part Two of these regulations to be adopted later in the fall of 2019. Because CARB does not know the full impacts of these rules until Part Two is released, no off-model adjustments factors are available for GHG emissions at this time. In addition, the EMFAC off-model adjustments have not yet been incorporated into CalEEMod. This issue is evolving as California, 22 other states, the District of Columbia, and four cities filed suit against the EPA and issued a petition for reconsideration of the rule on November 26, 2019.

3.2.2 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes executive orders, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

State Climate Change Targets

California has taken a number of actions to address climate change. These include executive orders, legislation, and CARB plans and requirements. These are summarized below.

EO S-3-05. EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

EO S-3-05 also directed the California EPA to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team was formed, which subsequently issued reports from 2006 to 2010.

AB 32. In furtherance of the goals established in EO S-3-05, the Legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive, multiyear program to limit California's GHG emissions at 1990 levels by 2020, and initiate the transformations required to achieve the state's long-range climate objectives.

EO B-18-12. EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as measured against a 2010 baseline. EO B-18-12 also established goals for existing state buildings for reducing grid-based energy purchases and water use.

EO B-30-15. EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under EO S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in EO S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update its Climate Change Scoping Plan: A Framework for Change (Scoping Plan) to express the 2030 target in terms of million metric tons (MMT) CO₂e. The EO also called for state agencies to continue to develop and implement GHG emission reduction programs in support of the reduction targets.

Senate Bill (SB) 32 and AB 197. SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, to provide ongoing

oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions reduction measures when updating the Scoping Plan.

CARB's 2007 Statewide Limit. In 2007, in accordance with California Health and Safety Code Section 38550, CARB approved a statewide limit on GHG emissions by 2020, consistent with the determined 1990 baseline (427 MMT CO₂e).

CARB's Climate Change Scoping Plan. One specific requirement of AB 32 is for CARB to prepare a "scoping plan" for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code Section 38561[a]), and to update the Scoping Plan at least once every 5 years. In 2008, CARB approved the first Scoping Plan. The Climate Change Scoping Plan: A Framework for Change (Scoping Plan) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs as well as building and appliance standards
2. Achieving a statewide renewable energy mix of 33%
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (LCFS) (17 Cal. Code Regs., Section 95480 et seq.)
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations and for community emissions to reduce GHGs by approximately 15% from then levels (2008) by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (First Update) defined the state's GHG emission reduction priorities for the next 5 years, and laid the groundwork to start the transition to the post-2020 goals set forth in EO S-3-05 and EO B-16-2012. The First Update concluded that California is on track to meet the 2020 target, but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The First Update recommended a mix of technologies in key economic sectors to reduce emissions through 2050, including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient

and clean energy technologies. As part of the First Update, CARB recalculated the state's 1990 emissions level using more recent GWPs identified by the Intergovernmental Panel on Climate Change, from 427 MMT CO₂e to 431 MMT CO₂e.

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050, as set forth in EO S-3-05. Governor Jerry Brown called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In summer 2016, the Legislature affirmed the importance of addressing climate change through passage of SB 32 (Pavley, Chapter 249, Statutes of 2016).

In December 2017, CARB adopted California's 2017 Climate Change Scoping Plan (2017 Scoping Plan) for public review and comment (CARB 2017b). The 2017 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target as established by SB 32 and define the state's climate change priorities to 2030 and beyond. The strategies' known commitments include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the LCFS, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant (SLCP) Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

For local governments, the 2017 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT CO₂e per capita by 2030, and no more than 2 MT CO₂e per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 Memorandum of Understanding (Under 2 Coalition 2019) and the Paris Agreement (UNFCCC 2019), which were developed around the scientifically based levels necessary to limit global warming to below an increase of 2°C. The 2017 Scoping Plan recognized the benefits of local government GHG planning (e.g., through Climate Action Plans [CAPs]) and provide more information regarding tools CARB is working on to support those efforts (CARB 2017b). It also recognizes the CEQA streamlining provisions for project-level review where there is a legally adequate CAP.²⁰

When discussing project-level GHG emissions reduction actions and thresholds in the context of CEQA, the 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development" for project-level CEQA analysis, but also recognizes that such a standard may not be appropriate or feasible for every development project. The 2017 Scoping Plan further provides that "the inability of a project to mitigate its GHG emissions to net zero does not imply the project results in a substantial contribution to the cumulatively significant environmental impact of climate change under CEQA" (CARB 2017b).

CARB's Regulations for the Mandatory Reporting of Greenhouse Gas Emissions. CARB's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (17 CCR 95100–95157) incorporated by reference certain

²⁰ *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City & County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. V. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

requirements that EPA promulgated in its Final Rule on Mandatory Reporting of Greenhouse Gases (40 CFR Part 98). Specifically, Section 95100(c) of the Mandatory Reporting Regulation incorporated those requirements that EPA promulgated in the Federal Register on October 30, 2009; July 12, 2010; September 22, 2010; October 28, 2010; November 30, 2010; December 17, 2010; and April 25, 2011. In general, entities subject to the Mandatory Reporting Regulation that emit more than 10,000 MT CO₂e per year are required to report annual GHGs through the California Electronic GHG Reporting Tool. Certain sectors, such as refineries and cement plants, are required to report regardless of emission levels. Entities that emit more than the 25,000 MT CO₂e per year threshold are required to have their GHG emission report verified by a CARB-accredited third party.

SB 605 and SB 1383. SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of SLCPs in the state, and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018. SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for CH₄ and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its SLCP Reduction Strategy in March 2017. The SLCP Reduction Strategy establishes a framework for the statewide reduction of emissions of black carbon, CH₄, and fluorinated gases (CARB 2017c).

EO B-55-18. EO B-55-18 (September 2018) establishes a statewide policy for California to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net-negative emissions thereafter. The goal is an addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant state agencies to ensure that future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal.

Building Energy

Title 24, Part 6. Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and the California Energy Commission (CEC) (and revised if necessary) (California Public Resources Code [PRC] Section 25402[b][1]). The regulations receive input from members of industry, as well as the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (PRC Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (PRC Section 25402[d]) and cost effectiveness (PRC Sections 25402[b][2] and [b][3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2019 Title 24 standards are the currently applicable building energy efficiency standards, and became effective on January 1, 2020. The 2019 Title 24 Building Energy Efficiency Standards will further reduce energy used and associated GHG emissions compared to current standards. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

Title 24, Part 11. In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as CALGreen, and establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The CALGreen 2016 standards, which are the current standards, became effective January 1, 2017. The CALGreen 2019 standards will continue to improve upon the 2016 CALGreen standards, and will go into effect on January 1, 2020. The mandatory standards require the following (24 CCR Part 11):

- Mandatory reduction in indoor water use through compliance with specified flow rates for plumbing fixtures and fittings
- Mandatory reduction in outdoor water use through compliance with a local water efficient landscaping ordinance or the California Department of Water Resources' Model Water Efficient Landscape Ordinance
- 65% of construction and demolition waste must be diverted from landfills
- Mandatory inspections of energy systems to ensure optimal working efficiency
- Inclusion of electric vehicle charging stations or designated spaces capable of supporting future charging stations
- Low-pollutant-emitting exterior and interior finish materials, such as paints, carpets, vinyl flooring, and particle boards

The CALGreen standards also include voluntary efficiency measures that are provided at two tiers and implemented at the discretion of local agencies and applicants. CALGreen's Tier 1 standards call for a 15% improvement in energy requirements, stricter water conservation, 65% diversion of construction and demolition waste, 10% recycled content in building materials, 20% permeable paving, 20% cement reduction, and cool/solar-reflective roofs. CALGreen's more rigorous Tier 2 standards call for a 30% improvement in energy requirements, stricter water conservation, 80% diversion of construction and demolition waste, 15% recycled content in building materials, 30% permeable paving, 25% cement reduction, and cool/solar-reflective roofs.

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations, and appliances must meet the standards for energy performance, energy design, water performance, and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

SB 1. SB 1 (Murray) (August 2006) established a \$3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections

to the California Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed “Go Solar California,” was previously titled “Million Solar Roofs.”

AB 1470 (Solar Water Heating). AB 1470 established the Solar Water Heating and Efficiency Act of 2007. The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand. The bill defines several terms for purposes of the act. AB 1470 required the CEC to evaluate the data available from a specified pilot program, and, if it made a specified determination, to design and implement a program of incentives for the installation of 200,000 solar water heating systems in homes and businesses throughout the state by 2017.

AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting.

Renewable Energy and Energy Procurement

SB 1078. SB 1078 (Sher) (September 2002) established the Renewables Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and S-21-09).

SB 1368. SB 1368 (September 2006), required CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities. These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

EO S-14-08. EO S-14-08 (November 2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. The California Natural Resources Agency (CNRA), through collaboration with the CEC and the California Department of Fish and Game (now the California Department of Fish and Wildlife), was directed to lead this effort.

EO S-21-09 and SB X1-2. EO S-21-09 (September 2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health and can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard. However, this regulation was not finalized because of subsequent legislation (SB X1-2, Simitian, statutes of 2011) signed by Governor Brown in April 2011.

SB X1-2 expanded the RPS by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under SB X1-2, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

SB X1-2 applies to all electricity retailers in the state, including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All of these entities must meet the renewable energy goals listed above.

SB 350. SB 350 (October 2015) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (such as heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires CPUC, in consultation with CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100. SB 100 (2018) increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. SB 100 requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid, and that the achievement not be achieved through resource shuffling.

Mobile Sources

AB 1493. AB 1493 (Pavley) (July 2002) was enacted in response to the transportation sector accounting for more than half of California's CO₂ emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. When fully phased in, the near-term (2009–2012) standards would result in a reduction of approximately 22% of GHG emissions compared to the emissions from the 2002 fleet, and the mid-term (2013–2016) standards would result in a reduction of approximately 30%. However, as described in Section 3.2.1, Federal Regulations, EPA's Safer Affordable Fuel-Efficient Vehicles Rule Part One, adopted in November 2019, revokes California's authority to set its own GHG emissions standards.

Heavy-Duty Diesel. CARB adopted the final Heavy Duty Truck and Bus Regulation, Title 13, Division 3, Chapter 1, Section 2025, on December 31, 2014, to reduce DPM (black carbon) and NO_x emissions from heavy-duty diesel vehicles. The rule requires DPM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxic Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires

diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

EO S-1-07. EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining LCFS for GHG emissions measured in CO₂e grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). Carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered.

SB 375. SB 375 (Steinberg) (September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035, and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations to prepare a sustainable communities strategy as part of their RTP that will achieve the GHG reduction targets set by CARB. If a metropolitan planning organization is unable to devise a sustainable communities strategy to achieve the GHG reduction target, the metropolitan planning organization must prepare an alternative planning strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to California Government Code Section 65080(b)(2)(K), a sustainable communities strategy does not (1) regulate the use of land, (2) supersede the land use authority of cities and counties, or (3) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it. Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

Advanced Clean Cars Program and Zero-Emissions Vehicle Program. The Advanced Clean Cars program (January 2012) is a new emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package. The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars (CARB 2012). To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that by 2025, cars will emit 75% less smog-forming pollution than the average new car sold in 2015. To reduce GHG emissions, CARB, in conjunction with EPA and NHTSA, adopted new GHG standards for model year 2017 to 2025 vehicles; the new standards are estimated to reduce GHG emissions by 34% by 2025. The zero-emissions vehicle program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of zero-emissions vehicles and plug-in hybrid electric vehicles in the 2018 to 2025 model years.

EO B-16-12. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of zero-emissions vehicles. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-In Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare.

AB 1236. AB 1236 (October 2015) (Chiu) required a city, county, or city and county to approve an application for the installation of electric-vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based on substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill provided for appeal of that decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric-vehicle charging stations is a matter of statewide concern. AB 1236 required electric-vehicle charging stations to meet specified standards. The bill required a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that created an expedited and streamlined permitting process for electric-vehicle charging stations. The bill also required a city, county, or city and county with a population of less than 200,000 residents to adopt this ordinance by September 30, 2017.

Water

EO B-29-15. In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency, and broadens its applicability to include new development projects with smaller landscape areas.

EO B-37-16. Issued May 2016, EO B-37-16 directed the State Water Resources Control Board (SWRCB) to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The SWRCB also developed a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The SWRCB and Department of Water Resources will develop new, permanent water use targets that build upon the existing state law requirements that the state achieve 20% reduction in urban water usage by 2020. EO B-37-16 also specifies that the SWRCB permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

EO B-40-17. EO B-40-17 (April 2017) lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinded EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the SWRCB to continue development of permanent prohibitions on wasteful water use.

Solid Waste

AB 939 and AB 341. In 1989, AB 939, known as the Integrated Waste Management Act (PRC Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by 2000.

AB 341 (Chapter 476, Statutes of 2011 [Chesbro]) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery to develop strategies to achieve the state's policy goal.

Other State Actions

SB 97. SB 97 (Dutton) (August 2007) directed the Governor's Office of Planning and Research to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, the Governor's Office of Planning and Research issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2008). The advisory further recommended that the lead agency determine the significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. CNRA adopted the CEQA Guidelines amendments in December 2009, and they became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis, or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4[a]). The CEQA Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. CNRA also acknowledges that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009a).

With respect to GHG emissions, the CEQA Guidelines state that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions (14 CCR 15064.4[a]). The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance based standards" (14 CCR 15064.4[a]). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent to which a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]).

EO S-13-08. EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009b), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean

and coastal ecosystems and resources, public health, transportation, and water. Issuance of the Safeguarding California: Implementation Action Plans followed in March 2016 (CNRA 2016). In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018a).

3.2.3 Local Regulations

3.2.3.1 Northern Sierra Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigation for potentially significant impacts. The NSAQMD has not adopted specific guidance or thresholds applicable to the analysis of a project's contribution to GHG emissions or associated climate change effects. See Section 2.2.3.1, Northern Sierra Air Quality Management District, for additional discussion on the NSAQMD.

3.2.3.2 Nevada County Transportation Commission

At the regional level, the NCTC has adopted the 2015–2035 RTP to facilitate the efficient development and implementation of projects while maintaining public health and environmental quality (NCTC 2018). See Section 2.2.3.2, Nevada County Transportation Commission, for additional discussion on the NCTC and 2015–2035 RTP.

3.2.3.3 Nevada County

As discussed in Section 2.2.3.3, Nevada County, the County's General Plan contains goals, objectives, and policies pertaining to improving air quality in multiple chapters of the General Plan. Specifically, the County's General Plan Air Quality Element (Nevada County 1995) includes goals, objectives, and policies designed to help improve air quality within the County, and the County's General Plan Circulation Element (Nevada County 2010) includes goals to encourage the use of alternative modes of transportation to reduce VMT. Many of these air quality and transportation policies would also result in co-benefits of reducing GHG emissions.

Nevada County adopted the Nevada County Energy Action Plan (EAP) in February 2019 (Nevada County 2019), which provides an analysis of the energy use within the unincorporated County limits and County operated facilities, as well as strategies for accelerating energy efficiency, water efficiency, and renewable energy efforts already underway in Nevada County. The goal of the EAP is to reduce the projected annual grid supplied electricity use in 2035 by 51%, and annual natural gas use by 30%. Notably, the actions within the EAP are voluntary and do not require the County or community to meet the reduction goals; however, savings may only be realized if the recommended actions are taken (Nevada County 2019).

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

3.3.1.1 Global Inventory

Anthropogenic GHG emissions worldwide in 2017 (the most recent year for which data is available) totaled approximately 50,860 MMT of CO₂e, excluding land use change and forestry (PBL 2018). Six countries—China, the United States, the Russian Federation, India, Japan, and Brazil—and the European community accounted for approximately 65% of the total global emissions, or approximately 33,290 MMT CO₂e (PBL 2018). Table 15 presents the top GHG-emissions-producing countries.

Table 15. Six Top Greenhouse Gas Producer Countries and the European Union

Emitting Countries (listed in order of emissions)	Greenhouse Gas Emissions (MMT CO ₂ e)
China	13,530
United States	6,640
European Union	4,560
India	3,650
Russian Federation	2,220
Japan	1,490
Brazil	1,200
Total	33,290

Source: PBL 2018.

Note: MMT CO₂e = million metric tons of carbon dioxide equivalent.

3.3.1.2 National and State Inventories

Per the EPA's Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2017, total U.S. GHG emissions were approximately 6,457 MMT CO₂e in 2017 (EPA 2019). The largest source of CO₂, and of overall GHG emissions, was fossil fuel combustion, which accounted for approximately 93.2% of CO₂ emissions in 2017 (4,912.0 MMT CO₂e). Relative to the 1990 emissions level, gross U.S. GHG emissions in 2017 were 1.3% higher; however, the gross emissions are down from a high of 15.7% above the 1990 level that occurred in 2007. GHG emissions decreased from 2016 to 2017 by 0.5% (35.5 MMT CO₂e) and, overall, net emissions in 2017 were 13% below 2005 levels (EPA 2019).

According to California's 2000–2017 GHG emissions inventory (2019 edition), California emitted 424 MMT CO₂e in 2017, 5 MMT CO₂e lower than 2016 levels and 7 MMT CO₂e below the 2020 GHG limit of 431 MMT CO₂e (CARB 2019j). Between 2000 and 2017, per-capita GHG emissions in California dropped from a peak of 14.1 MT per person in 2001 to 10.7 MT per person in 2017, representing a 24% decrease. The sources of GHG emissions in California include transportation, industrial uses, electric power production from both in-state and out-of-state sources, commercial and residential uses, agriculture, high GWP substances, and recycling and waste. The

California GHG emission source categories (as defined in CARB's Scoping Plan) and their relative contributions in 2017 are presented in Table 16.

Table 16. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO ₂ e)	Percent of Total ^a
Transportation	169.9	40.1%
Industrial	89.4	21.1%
Electric Power ^b	62.4	14.7%
Commercial & Residential	41.1	9.7%
Agriculture	32.4	7.6%
High GWP	19.9	4.7%
Recycling & Waste	8.9	2.1%
Total	424.0	100%

Source: CARB 2019i.

Notes: GHG = greenhouse gas; MMT CO₂e = million metric tons of carbon dioxide equivalent; GWP = global warming potential. Emissions reflect 2017 California GHG inventory.

^a Percentage of total has been rounded and total may not sum due to rounding.

^b Includes emissions associated with imported electricity, which account for 23.9 MMT CO₂e.

3.3.1.3 Local Inventories

No official GHG inventory has been completed for the County.

3.3.2 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 Intergovernmental Panel on Climate Change Synthesis Report indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, rising sea levels, and ocean acidification (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, frequency of severe weather events, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend since pre-industrial times, observed global mean surface temperature for the decade 2006–2015 was 0.87°C (likely between 0.75°C and 0.99°C) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately 1.0°C (1.8°F) of global warming above pre-industrial levels, with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health

Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernable evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed, such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California, as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The CNRA has released four California Climate Change Assessments (2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming. To address local and regional governments need for information to support action in their communities, the Fourth Assessment (2018) includes reports for nine regions of the state, including the Sierra Nevada region, where the project is located. Key projected climate changes for the Sierra Nevada region include the following (CNRA 2018b):

- Climate change is already underway in the Sierra Nevada region, affecting heat and precipitation extremes, with long-term warming trends, declining snowpacks, and changes in streamflow timing. These ongoing trends foreshadow larger changes to come. By the end of the 21st century, temperatures in the Sierra Nevada are projected to warm by 6 to 9°F on average, enough to raise the transition from rain to snow during a storm by about 1,500 to 3,000 feet. In contrast, future precipitation is predicted to vary less than temperature; longterm changes may be no more than $\pm 10\text{-}15\%$ of current totals. However, precipitation extremes (both as deluge and drought) are expected to increase markedly under climate change. These climatic changes will depend on and reflect many factors, including elevation within the mountain range, with quicker warming trends and precipitation changes at highest elevations.

- As a result of projected warming, Sierra Nevada snowpacks will very likely be eradicated below about 6,000 feet elevation and will be much reduced by more than 60% across nearly all of the range. Notably, though, recent studies suggest that even these snowpack-loss projections may be underestimates, due to feedback loops with warming trends causing snow cover losses, and snow cover losses resulting in warmer land surfaces and thus enhanced warming trends in turn.
- The loss of snowpack will combine to dry soils 15% to 40% below historical norms, depending on elevations. The result will be reduced soil and vegetation moisture; changes in rivers and lakes; and ultimately stresses on flora and fauna. Loss of snowpack and overall drying will lead to increased winter streamflows and floods, and to (largely compensating) reductions in spring and summer streamflows.

The Fourth Climate Change Assessment for the Sierra Nevada Region also provides a framework for adaptation that considers several major vulnerabilities and arenas for climate-change adaptation in the Sierra Nevada. First, a recommended strategy for developing adaptation options includes (1) understanding historical trends, (2) identifying vulnerabilities, (3) developing strategies, and (4) monitoring results. The three main categories of focus are ecosystems and wildlife, water resources, and human communities. Second, not all adaptations seek to completely avoid climate-change impacts. Four categories of adaptation, in order of increasing intervention, are efforts to support resistance (trying to ward off climate-change impacts), resilience (increasing the capacity of systems to absorb and bounce back from climate changes), orderly response (assisting transitions to avoid at least the most undesired outcomes), and realignment (facilitating major transitions to the most desirable new conditions) to the new climate-changed environment that is coming.

3.4 Significance Criteria and Methodology

3.4.1 Thresholds of Significance

The significance criteria used to evaluate the project's GHG emissions impacts are based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

At this time, neither the NSAQMD nor the County has adopted numerical thresholds of significance for GHG emissions that would apply to the project. The NSAQMD, however, recommends that all projects subject to CEQA review be considered in the context of GHG emissions and climate change impacts, and that CEQA documents include a quantification of GHG emissions from all project sources, as well as minimize and mitigate GHG emissions as feasible (NSAQMD 2019b). The project would generate GHG emissions through short-term construction activities and long-term operational activities.

In light of the lack of established GHG emissions thresholds that would apply to the project, CEQA allows lead agencies to identify thresholds of significance applicable to a project that are supported by substantial evidence. Substantial evidence is defined in the CEQA statute to mean "facts, reasonable assumptions predicated on facts, and expert opinion

supported by facts" (14 CCR 15384(b)).²¹ Substantial evidence can be in the form of technical studies, agency staff reports or opinions, expert opinions supported by facts, and prior CEQA assessments and planning documents. Therefore, to establish additional context in which to consider the order of magnitude of the project's GHG emissions, this analysis accounts for the following considerations by other government agencies and associations about what levels of GHG emissions constitute a cumulatively considerable incremental contribution to climate change:

- The Sacramento Metropolitan Air Quality Management District (SMAQMD) established thresholds, including 1,100 MT CO₂e per year for the construction or operational phase of land use development projects, or 10,000 direct MT CO₂e per year from stationary source projects (SMAQMD 2018).
- The Placer County Air Pollution Control District (PCAPCD) recommends a tiered approach to determine if a project's GHG emissions would result in a significant impact. First, project GHG emissions are compared to the de minimis level of 1,100 MT CO₂e per year. If a project does not exceed this threshold, it does not have significant GHG emissions. If the project exceeds the de minimis level and does not exceed the 10,000 MT CO₂e per year bright line threshold, then the project's GHG emissions can be compared to the efficiency thresholds. These thresholds are 4.5 MT CO₂e per-capita for residential projects in an urban area, and 5.5 MT CO₂e per-capita for residential projects in a rural area. For nonresidential development, the thresholds are 26.5 MT CO₂e per 1,000 square feet for projects in urban areas, and 27.3 MT CO₂e per 1,000 square feet for projects in rural areas. The PCAPCD bright-line GHG threshold of 10,000 MT CO₂e per year is also applied to land use projects' construction phase and stationary source projects' construction and operational phases. Generally, GHG emissions from a project that exceed 10,000 MT CO₂e per year would be deemed to have a cumulatively considerable contribution to global climate change (PCAPCD 2017).
- The Bay Area Air Quality Management District (BAAQMD) has adopted 1,100 MT CO₂e per year as a project-level bright-line GHG significance threshold that would apply to operational emissions from mixed land-use development projects, a threshold of 10,000 MT CO₂e per year as the significance threshold for operational GHG emissions from stationary-source projects, and an efficiency threshold of 4.6 MT CO₂e per service population per year (BAAQMD 2017).
- The South Coast Air Quality Management District (SCAQMD) formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. In December 2008, the SCAQMD adopted an interim 10,000 MT CO₂e per-year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency (SCAQMD Resolution No. 08-35, December 5, 2008).

As described above, the 10,000 MT CO₂e per year threshold is used by SMAQMD, PCAPCD, BAAQMD, and SCAQMD for industrial and/or stationary source emissions of GHGs. Since the project is an industrial project that includes stationary sources (i.e., diesel generators used for emergency power), the project's GHG emissions were compared to the 10,000 MT CO₂e per year quantitative threshold. The substantial evidence for this GHG emissions threshold is based on the expert opinion of various California air districts, which have applied the 10,000 MT CO₂e per year threshold in numerous CEQA documents where those air districts are the lead agency.

²¹ 14 CCR 15384 provides the following discussion: "Substantial evidence" as used in the Guidelines is the same as the standard of review used by courts in reviewing agency decisions. Some cases suggest that a higher standard, the so called "fair argument standard" applies when a court is reviewing an agency's decision whether or not to prepare an EIR. Public Resources Code section 21082.2 was amended in 1993 (Chapter 1131) to provide that substantial evidence shall include "facts, reasonable assumptions predicated upon facts, and expert opinion supported by facts." The statute further provides that "argument, speculation, unsubstantiated opinion or narrative, evidence which is clearly inaccurate or erroneous, or evidence of social or economic impacts which do not contribute to, or are not caused by, physical impacts on the environment, is not substantial evidence."

3.4.2 Approach and Methodology

3.4.2.1 Construction Emissions

Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Notably, in addition to the typical day-to-day construction equipment, two 2,655 hp diesel generators could be required as emergency backup for line power during construction. For purposes of this GHG analysis, during potential line power outages, the emergency generators were assumed to operate for up to 24 hours per day, for 9 days per year, as a conservative estimate based on the Public Safety Power Shutoffs in recent years (CPUC n.d.). All details for construction criteria air pollutants discussed in Section 2.4.2.1, Construction Emissions, are also applicable for the estimation of construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions. Assumptions incorporated in the spreadsheet modeling are detailed in Appendix A.

Electricity Use. In addition to the above sources, electricity use for the underground mine equipment, water treatment, and raise boring during construction would be required and would result in GHGs from electricity generation. Anticipated annual electricity consumption during construction (year 2021) would be approximately 16,106 megawatt-hours. This electricity estimate accounts for the assumed 9 days of outages, at which time the emergency generators would provide power to the project. Emission factors (in pounds per megawatt-hour) for CH₄ and N₂O are from CalEEMod for PG&E. The CO₂ emission factor is from PG&E's reported intensity for 2017 (PG&E 2019).

3.4.2.2 Operational Emissions

Sources of GHG emissions generated during project operations would include off-road equipment, on-road vehicles, underground blasting, electricity use associated with facility consumption, NID conveyance of water to residences along the potable water line, septic field treatment of wastewater, and solid waste. Notably, in addition to the typical day-to-day operational equipment, four 2,655 hp diesel generators could be required as emergency backup for line power during operations. For purposes of this GHG analysis, during potential line power outages, the emergency generators were assumed to operate for up to 24 hours per day, for 9 days per year, as a conservative estimate based on the Public Safety Power Shutoffs in recent years (CPUC n.d.). All details for operational criteria air pollutants from off-road equipment, on-road vehicles, and blasting discussed in Section 2.4.2.2, Operational Emissions, are also applicable for the estimation of operational GHG emissions. As such, see Section 2.4.2.2 for a discussion of the emissions calculation methodology and assumptions for these sources. GHG emissions methodology and assumptions associated with electricity for facilities, water conveyance, septic wastewater treatment, and solid waste are described below. Assumptions incorporated in the spreadsheet modeling are detailed in Appendix A and are based on project information provided by Rise.

Electricity for Facilities. Electricity consumption for facility operations accounts for electrically powered underground mine equipment, the ore processing facility, water treatment, and surface building operations. For the three different periods assessed (based on where the engineered fill would be routed), it was assumed that the electricity consumption would remain the same, estimated at approximately 42,757 megawatt-hours per year. This electricity estimate accounts for the assumed 9 days of outages, at which time the emergency generators would provide power to the project. Additionally, the same GHG emission factors (pounds per megawatt-hour) for CO₂, CH₄, and

N₂O used for the construction phase were used for all future years of operation. This assumption is conservative since, as discussed in Section 3.2.2, the RPS standard schedule will result in reduced GHGs from electricity generation overtime.

NID-Supplied Potable Water. Supply, conveyance, treatment, and distribution of water for the project would require the use of electricity, which would result in associated indirect GHG emissions. For the assessment, it was assumed that up to 26 residences would be switched from well water to the new NID potable water line, with indoor and outdoor water use (total demand of approximately 2.8 million gallons per year) based on default factors included in CalEEMod for single-family homes. Potable water use at the Brunswick Industrial Site was estimated to be approximately 1.4 million gallons per year. For engineered fill placement at the Centennial Industrial Site, it was assumed that water for dust suppression would be supplied by NID, which was estimated at about 11 million gallons per year. PG&E would provide the electricity for NID, with utility GHG emission factors based on the same assumptions described above for “Electricity for Facilities.”

Septic System. A septic field system would be used to treat wastewater from the Brunswick Industrial Site facilities. Approximately 3,952 gallons per day of potable water would be used per day, which would flow into the septic field. Emissions of CH₄ and N₂O from septic wastewater treatment for the project were based on default equations and emission factors from CalEEMod.

Solid Waste. Annual solid waste generated by project employees would be approximately 205 tons, which would result in GHG emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation and emission factors were used to estimate GHG emissions associated with solid waste.

Tree Removal. Carbon sequestration is the process by which CO₂ is removed from the atmosphere and deposited into a carbon reservoir (e.g., vegetation). Trees and vegetation take in CO₂ from the atmosphere during photosynthesis, break down the CO₂, store the carbon within plant parts, and release the oxygen back into the atmosphere. On the Brunswick site, approximately 18.7 acres of forested areas (Montane Hardwood-Conifer, Montane Hardwood, Ponderosa Pine, and Sierran Mixed Conifer vegetation communities) will be disturbed and trees will require removal. On the Centennial site, up to approximately 5.3 acres of forested areas (Montane Hardwood-Conifer and Montane Hardwood vegetation communities) will be disturbed and trees will require removal. The removal of approximately 24 acres of trees would be required as a result of the proposed project, thereby removing stored carbon from the sites. To evaluate the loss of stored carbon associated with removal of vegetation, the calculation methodology and default values provided in CalEEMod for the “forest land – trees” category. To calculate potential CO₂ emissions associated with the one time change in carbon sequestration capacity of a vegetation land use type, CalEEMod utilizes data and formulas based on the Intergovernmental Panel on Climate Change (IPCC) reports. The estimated CO₂ loss was then amortized over 80 years based on the anticipated project life.

3.5 Impact Analysis

3.5.1 Threshold GHG-1

Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

As described in Section 3.4.2.1, Construction Emissions, construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Additionally, GHG emissions would be associated with PG&E-supplied electricity for the underground mine equipment, water treatment, and raise boring. Sources of GHG emissions generated during project operations would include off-road equipment, on-road vehicles, underground blasting, electricity use associated with facility consumption, NID conveyance of water to residences along the potable water line, septic field treatment of wastewater, and solid waste. During power outages, 2,655 hp diesel generators would be used as emergency backup for line power to support construction and operations. Detailed assumptions associated with project construction and operational GHG emission calculations are included in Appendix A.

Table 17 shows the estimated annual unmitigated GHG emissions associated with construction and operation of the project.

Table 17. Estimated Annual Greenhouse Gas Emissions

Emission Source	CO ₂	CH ₄	N ₂ O	CO ₂ e
	Metric Tons per Year			
Year 2021 – Construction/Dewatering				
Emergency Generators ^a	417.16	0.01	0.01	419.47
Off-Road Equipment ^b	1,029.94	0.30	0.13	1,077.25
On-Road Vehicles	767.75	0.02	0.08	791.04
PG&E-Supplied Electricity	1,534.15	0.21	0.05	1,552.87
Total Annual Emissions				3,840.64
GHG Threshold				10,000
Significant (Yes/No)?				No
Year 2022 to 2026 – Mining, Brunswick Industrial Site Operations, Fill Placement at Centennial				
Emergency Generators ^a	1,042.89	0.03	0.02	1,048.68
Off-Road Equipment ^b	2,030.86	0.63	0.28	2,131.16
On-Road Vehicles	1,477.90	0.02	0.17	1,527.78
Underground Blasting/Crushing	68.79	0.00	0.00	69.05
PG&E-Supplied Electricity	4,072.75	0.56	0.12	4,122.47
NID-Supplied Potable Water	5.64	0.00	0.00	5.71
Wastewater Septic Field	—	0.33	0.00	8.52
Solid Waste	41.55	2.46	—	102.94
Tree Removal – Carbon Loss ^c	33.30	—	—	33.30
Total Annual Emissions				9,049.62
GHG Threshold				10,000

Table 17. Estimated Annual Greenhouse Gas Emissions

Emission Source	CO ₂	CH ₄	N ₂ O	CO ₂ e
	<i>Metric Tons per Year</i>			
Significant (Yes/No)?				No
<i>Year 2027 to 2032 – Mining, Brunswick Industrial Site Operations, Fill Placement at Brunswick</i>				
Emergency Generators ^a	1,042.89	0.03	0.02	1,048.68
Off-Road Equipment ^b	2,030.38	0.63	0.28	2,130.23
On-Road Vehicles	1,234.08	0.01	0.13	1,274.43
Underground Blasting/Crushing	68.79	0.00	0.00	69.05
PG&E-Supplied Electricity	4,072.75	0.56	0.12	4,122.47
NID-Supplied Potable Water	1.97	0.00	0.00	2.00
Wastewater Septic Field	—	0.33	0.00	8.52
Solid Waste	41.55	2.46	—	102.94
Tree Removal – Carbon Loss ^c	33.30	—	—	33.30
Total Annual Emissions				8,791.62
<i>GHG Threshold</i>				<i>10,000</i>
Significant (Yes/No)?				No
<i>Year 2033 to 2102 – Mining, Brunswick Industrial Site Operations, Fill Placement at Off-Site Location</i>				
Emergency Generators ^a	1,042.89	0.03	0.02	1,048.68
Off-Road Equipment ^b	1,813.24	0.08	0.04	1,826.22
On-Road Vehicles	1,705.30	0.01	0.22	1,769.69
Underground Blasting/Crushing	68.79	0.00	0.00	69.05
PG&E-Supplied Electricity	4,072.75	0.56	0.12	4,122.47
NID-Supplied Potable Water	1.97	0.00	0.00	2.00
Wastewater Septic Field	—	0.33	0.00	8.52
Solid Waste	41.55	2.46	—	102.94
Tree Removal – Carbon Loss ^c	33.30	—	—	33.30
Total Annual Emissions				8,982.87
<i>GHG Threshold</i>				<i>10,000</i>
Significant (Yes/No)?				No
<i>Year 2103 – Reclamation</i>				
Off-Road Equipment ^b	25.86	0.00	0.00	26.02
On-Road Vehicles	19.61	0.00	0.00	20.07
Total Annual Emissions				46.09
<i>GHG Threshold</i>				<i>10,000</i>
Significant (Yes/No)?				No

Source: Appendix A.

Notes: GHG = greenhouse gas; CO₂ = carbon dioxide; CH₄ = methane; N₂O = nitrous oxide; CO₂e = carbon dioxide equivalent; NID = Nevada Irrigation District

^a The diesel emergency generators were assumed to operate 24 hours per day, for up to 9 days per year, as a reasonable estimate based on the recent Public Safety Power Shutoffs.

^b Accounts for APM-AQ-1 (Exhaust Emission Controls), including Tier 4 Final equipment owned by Rise Grass Valley Inc.

^c Carbon loss was estimated for 24 acres of tree removal, then amortized over the anticipated 80 year project life.

As shown in Table 17, the project would not exceed the applied threshold of 10,000 MT CO₂e per year during construction or operations. This impact would be less than significant.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

3.5.2 Threshold GHG-2

Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

As described in Section 3.2.3.3, Nevada County adopted an EAP in February 2019, which includes goals to accelerate energy efficiency, renewable energy, and water efficiency projects by residents, businesses, and public agencies. However, this EAP is not a Qualified GHG Emissions Reduction Plan under CEQA per the requirements outlined in the CEQA Guidelines, Section 15183.5(D); therefore, no CEQA document can tier from the County EAP. Although there are no mandatory GHG plans, policies, or regulations that would apply to implementation of the project, a description of the relevant plans with GHG reduction strategies is provided below.

Project Consistency with the Nevada County Energy Action Plan

As discussed in Section 3.2.3.3, the EAP includes goals to reduce the County's projected annual grid-supplied electricity use in 2035 by 51% and annual natural gas use by 30%. Table 18 details the project's consistency with each of the County EAP energy reduction strategies.

Table 18. Project Consistency with Nevada County Energy Action Plan Energy Reduction Measures

Strategy Number	Strategy Description	Project Consistency
<i>Goal 1: Energy Efficiency – Improve Energy Efficiency in Buildings, Facilities, and Nevada County Operations</i>		
Strategy 1.1	Expand outreach and education on existing energy efficiency practices, programs, and financing options for residential and non-residential utility customers.	Nevada County (County) to implement. Not applicable to the project.
Strategy 1.2	Improve compliance with current California Building Energy Efficiency Standards (Title 24, Part 6) by providing informational materials when available.	Consistent. Project would comply with Title 24, Part 6 standards in applicable buildings. County to implement the provision of informational materials.
Strategy 1.3	Continue to increase the energy efficiency of County buildings, facilities, and operations.	County to implement. Not applicable to the project.
<i>Goal 2: Renewable Energy – Expand the Utilization of Renewable Energy and Resilience Measures</i>		
Strategy 2.1	Prepare for the inclusion of renewable energy systems in new construction and large retrofit projects in order to meet California Zero Net Energy Goals by providing informational material when available.	Pertains to solar photovoltaic systems in all residential construction and large retrofit projects. County to implement the provision of informational materials. Not applicable to the project.

Table 18. Project Consistency with Nevada County Energy Action Plan Energy Reduction Measures

Strategy Number	Strategy Description	Project Consistency
Strategy 2.2	Encourage renewable energy projects through education, outreach, and local leadership.	County to implement. Not applicable to the project.
Strategy 2.3	Encourage energy storage and grid optimization infrastructure projects that support local renewable energy systems and community resilience.	Pertains to energy storage and grid optimization infrastructure projects. Not applicable to the project.
<i>Goal 3: Water Energy – Encourage the Efficient and Safe Transportation and Use of Water Resources</i>		
Strategy 3.1	Improve and increase the County’s outreach and education efforts in collaboration with Nevada Irrigation District and other water agencies by providing information on existing and future water efficiency and conservation programs.	Consistent. Project would comply with water efficiency Title 24, Part 11 (CALGreen Code) standards in applicable buildings, including installing toilets, urinals, faucets, and showerheads subject to the CALGreen maximum flow rates. County to implement the provision of informational materials.
Strategy 3.2	Coordinate with Nevada Irrigation District (NID) and other water agencies to participate in proactive leak detection programs in order to reduce water losses.	County and NID to implement. Not applicable to the project.
Strategy 3.3	Continue to improve the efficiency of County Wastewater Treatment operations and encourage and collaborate with Nevada Irrigation District and other water agencies to improve the efficiency of agency water operations.	County to implement. Not applicable to the project.

Source: Nevada County 2019.

Based on the analysis in Table 18 the project would be consistent with the applicable strategies in the County’s EAP.

Project Consistency with the Nevada County Transportation Commission’s RTP

The NCTC’s 2015–2035 RTP is a relevant regional reference document for purposes of evaluating the intersection of land use and transportation patterns, and seeks to reduce air quality and GHG issues associated with future growth by increasing the efficiency of the transportation system and increasing alternative transportation options (NCTC 2018). As described in the 2015–2035 RTP, the mining, logging, and construction industry in Nevada County has resulted in an increase in 390 jobs from 2009 to 2014, and is projected to be the fastest-growing market through 2022, with an anticipated 37.4% growth rate (NCTC 2018). As described under Threshold AQ-1, although the project would increase traffic within the project area due to increased employment, projections within the RTP have identified and accounted for such growth in the mining industry. Therefore, the project would not conflict with the RTP.

Project Consistency with the Scoping Plan

As discussed in Section 3.2.2, State Regulations, the Scoping Plan (approved by CARB in 2008 and updated in 2014 and 2017) provides a framework for actions to reduce California’s GHG emissions, and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. The Scoping Plan is not directly applicable to specific

projects, nor is it intended to be used for project-level evaluations.²² Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., LCFS), among others.

The Scoping Plan recommends strategies at the statewide level to meet the goals of AB 32, and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. To the extent that these regulations are applicable to the project, the project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent required by law.

Project Consistency with SB 32 and EO S-3-05

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in EO S-3-05 and SB 32. As discussed in Section 3.2.2, EO S-3-05 establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050. SB 32 establishes a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030. Although there are no established protocols or thresholds of significance for that future year analysis, CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory of meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014).

CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update to the Climate Change Scoping Plan that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update states the following (CARB 2014):

This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others) it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, SB 32, and EO S-3-05. This is confirmed in the 2017 Scoping Plan, which states (CARB 2017b):

This Scoping Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while identifying new, technologically feasible, and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public

²² The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009a).

health, including in disadvantaged communities. The Plan includes policies to require direct GHG reductions at some of the State's largest stationary sources and mobile sources. These policies include the use of lower GHG fuels, efficiency regulations, and the Cap-and-Trade Program, which constrains and reduces emissions at covered sources.

In addition, as discussed previously, the project is consistent with the County EAP, the NCTC 2015–2035 RTP, and measures in the Scoping Plan, and would not conflict with the state's trajectory toward future GHG reductions. With respect to future GHG targets under SB 32 and EO S-3-05, CARB has also made clear its legal interpretation that it has the requisite authority to adopt whatever regulations are necessary, beyond the AB 32 horizon year of 2020, to meet SB 32's 40% reduction target by 2030 and EO S-3-05's 80% reduction target by 2050. This legal interpretation by an expert agency provides evidence that future regulations will be adopted to continue the state on its trajectory toward meeting these future GHG targets. Since the specific path to compliance for the state regarding the long-term goals will likely require development of technology or other changes that are not currently known or available, specific additional mitigation measures for the project would be speculative and cannot be identified at this time.

Based on the above considerations, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and impacts would be less than significant.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

4 References Cited

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APPENDIX A

Criteria Air Pollutant, Greenhouse Gas, and Toxic Air Contaminant Emissions

Unmitigated Total Emissions

Idaho-Maryland Mine Project
Unmitigated Total Emissions - Normal Operations

Year 2021 (Construction/Dewatering)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	6.71	53.84	50.83	0.10	2.30	2.15		0.81	6.53	6.64	0.01	0.27	0.26
Onroad Vehicles	1.53	5.22	10.85	0.04	3.40	0.98		0.28	1.33	1.82	0.01	0.76	0.22
Diesel Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	1.43	0.21		--	--	--	--	0.13	0.02
Architectural Coatings	2.64	--	--	--	--	--		0.09	--	--	--	--	--
Asphalt Offgassing	0.38	--	--	--	--	--		0.01	--	--	--	--	--
TOTALS	11.38	59.06	61.68	0.13	7.13	3.34		1.22	7.86	8.46	0.02	1.16	0.49
<i>NSAQMD Level A Thresholds¹</i>	<i><24</i>	<i><24</i>	<i>--</i>	<i>--</i>	<i><79</i>	<i>--</i>							
<i>NSAQMD Level B Thresholds¹</i>	<i>24-136</i>	<i>24-137</i>	<i>--</i>	<i>--</i>	<i>79-136</i>	<i>--</i>							
<i>NSAQMD Level C Thresholds¹</i>	<i>>136</i>	<i>>136</i>	<i>--</i>	<i>--</i>	<i>>136</i>	<i>--</i>							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2022 - Year 2026 (Mining, Brunswick Site Operations, Fill Placement at Centennial)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.80	17.14	86.65	0.13	0.17	0.17		0.33	3.13	15.81	0.02	0.03	0.03
Onroad Vehicles	1.90	23.41	6.53	0.05	16.61	4.39		0.26	1.45	0.71	0.01	1.27	0.34
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63		0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39		--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--		0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.24	0.03		--	--	--	--	0.03	0.00
Architectural Coatings	0.26	--	--	--	--	--		0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--		0.48	--	--	--	--	--
Tree Removal - Carbon Loss ²	--	--	--	--	--	--		--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--		--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--		--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--		--	--	--	--	--	--
TOTALS	8.99	56.41	155.58	2.04	23.21	5.62		1.52	7.47	27.90	0.37	2.46	0.56
<i>NSAQMD Level A Thresholds¹</i>	<i><24</i>	<i><24</i>	<i>--</i>	<i>--</i>	<i><79</i>	<i>--</i>							
<i>NSAQMD Level B Thresholds¹</i>	<i>24-136</i>	<i>24-137</i>	<i>--</i>	<i>--</i>	<i>79-136</i>	<i>--</i>							
<i>NSAQMD Level C Thresholds¹</i>	<i>>136</i>	<i>>136</i>	<i>--</i>	<i>--</i>	<i>>136</i>	<i>--</i>							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2027 - Year 2032 (Mining, Brunswick Site Operations, Fill Placement at Brunswick)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.80	17.14	86.65	0.13	0.17	0.17		0.33	3.13	15.81	0.02	0.03	0.03
Onroad Vehicles	1.23	16.93	5.54	0.09	14.94	3.91		0.18	0.98	0.60	0.01	1.12	0.30
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63		0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39		--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--		0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.24	0.03		--	--	--	--	0.03	0.00
Architectural Coatings	0.26	--	--	--	--	--		0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--		0.48	--	--	--	--	--
Tree Removal - Carbon Loss ²	--	--	--	--	--	--		--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--		--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--		--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--		--	--	--	--	--	--
TOTALS	8.32	49.92	154.59	2.08	21.54	5.14		1.43	7.00	27.79	0.37	2.31	0.52
NSAQMD Level A Thresholds¹	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds¹	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds¹	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2033 - Year 2102 (Mining, Brunswick Site Operations, Fill Placement at Off-Site Location)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.43	15.34	72.85	0.12	0.13	0.13		0.26	2.80	13.29	0.02	0.02	0.02
Onroad Vehicles	1.04	30.74	6.58	0.15	30.59	7.93		0.14	2.27	0.67	0.01	2.55	0.66
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63		0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39		--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--		0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.00	0.00		--	--	--	--	0.00	0.00
Architectural Coatings	0.26	--	--	--	--	--		0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--		0.48	--	--	--	--	--
Tree Removal - Carbon Loss ²	--	--	--	--	--	--		--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--		--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--		--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--		--	--	--	--	--	--
TOTALS	7.75	61.93	141.83	2.13	36.91	9.09		1.32	7.96	25.34	0.37	3.70	0.87
NSAQMD Level A Thresholds¹	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds¹	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds¹	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2103 (Reclamation)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	0.08	0.32	3.91	0.01	0.01	0.01		0.00	0.01	0.15	0.00	0.01	0.01
Onroad Vehicles	0.19	0.36	0.90	0.01	0.48	0.13		0.01	0.01	0.03	0.00	0.02	0.00
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
TOTALS	0.39	0.68	4.81	0.01	0.49	0.14		0.03	0.03	0.19	0.00	0.03	0.01
NSAQMD Level A Thresholds ¹	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds ¹	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds ¹	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Notes:

1. Thresholds of significance are based on a source’s projected impacts and are a basis from which to apply mitigation measures. The District has developed a tiered approach to significance levels: a project with emissions meeting Level A thresholds will require the most basic mitigations; projects with projected emissions in the Level B range will require more extensive mitigations; and those projects which exceed Level C thresholds will require the most extensive mitigations. The tiered thresholds for Level A, B and C are as follow for a project’s estimated emissions of criteria pollutants in lbs/day. NOx, ROG and PM10 emissions must be mitigated to a level below significant. If emissions for NOx, ROG and PM10 exceeds 136
2. Loss of sequestered carbon associated with tree removal on the Centennial and Brunswick Sites was amortized based on the 80-year life of the project.

Year 2027 - Year 2032 (Mining, Brunswick Site Operations, Fill Placement at Brunswick)	Maximum Daily Emissions (lb/day)					
	ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.80	17.14	86.65	0.13	0.17	0.17
Onroad Vehicles	1.23	16.93	5.54	0.09	14.94	3.91
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63
Ore Processing	--	--	--	--	2.00	0.39
Reagent Offgassing	2.25	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--
Diesel Generators ¹	8.99	179.81	467.50	2.47	1.80	1.78
PG&E-Supplied Electricity	--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.24	0.03
Architectural Coatings	0.26	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--
Tree Removal - Carbon Loss ³	--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--
TOTALS	17.31	229.73	622.10	4.55	23.34	6.92
NSAQMD Level A Thresholds ²	<24	<24	--	--	<79	--
NSAQMD Level B Thresholds ²	24-136	24-137	--	--	79-136	--
NSAQMD Level C Thresholds ²	>136	>136	--	--	>136	--
Significant (i.e., exceed Level C)?	No	Yes	--	--	No	--

[illegible]

Year 2103 (Reclamation)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)							Annual (MT/year)			
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5		CO2	CH4	N2O	CO2e
Offroad Equipment	0.08	0.32	3.91	0.01	0.01	0.01		0.00	0.01	0.15	0.00	0.01	0.01		25.86	0.00	0.00	26.02
Onroad Vehicles	0.19	0.36	0.90	0.01	0.48	0.13		0.01	0.01	0.03	0.00	0.02	0.00		19.61	0.00	0.00	20.07
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--		--	--	--	--
TOTALS	0.39	0.68	4.81	0.01	0.49	0.14		0.03	0.03	0.19	0.00	0.03	0.01		45.47	0.00	0.00	46.09
NSAQMD Level A Thresholds ²	<24	<24	--	--	<79	--												
NSAQMD Level B Thresholds ²	24-136	24-137	--	--	79-136	--												
NSAQMD Level C Thresholds ²	>136	>136	--	--	>136	--												
Significant (i.e., exceed Level C)?	No	No	--	--	No	--												

Notes:

1. For maximum daily emissions, diesel generators were assumed to operate for 24 hours in case of power outage. For annual emissions, diesel generators assumed to operate 9 days of power outages based on 2019 Public Safety Power Shutoffs
2. Thresholds of significance are based on a source’s projected impacts and are a basis from which to apply mitigation measures. The District has developed a tiered approach to significance levels: a project with emissions meeting Level A thresholds will require the most basic mitigations; projects with projected emissions in the Level B range will require more extensive mitigations; and those projects which exceed Level C thresholds will require the most extensive mitigations. The tiered thresholds for Level A, B and C are as follow for a project’s estimated emissions of criteria pollutants in lbs/day. NOx, ROG and PM10 emissions must be mitigated to a level below significant. If emissions for NOx, ROG and PM10 exceeds 136 pounds per day (Level C), then there is a significant impact; below Level C is potentially significant (NSAQMD 2019).
3. Loss of sequestered carbon associated with tree removal on the Centennial and Brunswick Sites was amortized based on the 80-year life of the project.

Mitigated Total Emissions

Idaho-Maryland Mine Project
Mitigated¹ Total Emissions - Normal Operations

Year 2021 (Construction/Dewatering)	Maximum Daily Emissions (lb/day)						Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5	ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	3.25	15.97	54.08	0.10	0.60	0.60	0.41	2.10	7.17	0.01	0.08	0.07
Onroad Vehicles	1.53	5.22	10.85	0.04	3.40	0.98	0.28	1.33	1.82	0.01	0.76	0.22
Diesel Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--	0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--	--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	1.43	0.21	--	--	--	--	0.13	0.02
Architectural Coatings	2.64	--	--	--	--	--	0.09	--	--	--	--	--
Asphalt Offgassing	0.38	--	--	--	--	--	0.01	--	--	--	--	--
TOTALS	7.92	21.19	64.94	0.13	5.44	1.79	0.82	3.43	8.99	0.02	0.96	0.31
<i>NSAQMD Level A Thresholds²</i>	<i><24</i>	<i><24</i>	<i>--</i>	<i>--</i>	<i><79</i>	<i>--</i>						
<i>NSAQMD Level B Thresholds²</i>	<i>24-136</i>	<i>24-137</i>	<i>--</i>	<i>--</i>	<i>79-136</i>	<i>--</i>						
<i>NSAQMD Level C Thresholds²</i>	<i>>136</i>	<i>>136</i>	<i>--</i>	<i>--</i>	<i>>136</i>	<i>--</i>						
Significant (i.e., exceed Level C)?	No	No	--	--	No	--						

Year 2022 - Year 2026 (Mining, Brunswick Site Operations, Fill Placement at Centennial)	Maximum Daily Emissions (lb/day)						Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5	ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.80	17.14	86.65	0.13	0.17	0.17	0.33	3.13	15.81	0.02	0.03	0.03
Onroad Vehicles	1.90	23.41	6.53	0.05	16.61	4.39	0.26	1.45	0.71	0.01	1.27	0.34
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63	0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39	--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--	0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--	0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--	--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.24	0.03	--	--	--	--	0.03	0.00
Architectural Coatings	0.26	--	--	--	--	--	0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--	0.48	--	--	--	--	--
Tree Removal - Carbon Loss ³	--	--	--	--	--	--	--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--	--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--	--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--	--	--	--	--	--	--
TOTALS	8.99	56.41	155.58	2.04	23.21	5.62	1.52	7.47	27.90	0.37	2.46	0.56
<i>NSAQMD Level A Thresholds²</i>	<i><24</i>	<i><24</i>	<i>--</i>	<i>--</i>	<i><79</i>	<i>--</i>						
<i>NSAQMD Level B Thresholds²</i>	<i>24-136</i>	<i>24-137</i>	<i>--</i>	<i>--</i>	<i>79-136</i>	<i>--</i>						
<i>NSAQMD Level C Thresholds²</i>	<i>>136</i>	<i>>136</i>	<i>--</i>	<i>--</i>	<i>>136</i>	<i>--</i>						
Significant (i.e., exceed Level C)?	No	No	--	--	No	--						

Year 2027 - Year 2032 (Mining, Brunswick Site Operations, Fill Placement at Brunswick)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.80	17.14	86.65	0.13	0.17	0.17		0.33	3.13	15.81	0.02	0.03	0.03
Onroad Vehicles	1.23	16.93	5.54	0.09	14.94	3.91		0.18	0.98	0.60	0.01	1.12	0.30
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63		0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39		--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--		0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.24	0.03		--	--	--	--	0.03	0.00
Architectural Coatings	0.26	--	--	--	--	--		0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--		0.48	--	--	--	--	--
Tree Removal - Carbon Loss ³	--	--	--	--	--	--		--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--		--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--		--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--		--	--	--	--	--	--
TOTALS	8.32	49.92	154.59	2.08	21.54	5.14		1.43	7.00	27.79	0.37	2.31	0.52
NSAQMD Level A Thresholds²	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds²	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds²	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2033 - Year 2102 (Mining, Brunswick Site Operations, Fill Placement at Off-Site Location)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	1.43	15.34	72.85	0.12	0.13	0.13		0.26	2.80	13.29	0.02	0.02	0.02
Onroad Vehicles	1.04	30.74	6.58	0.15	30.59	7.93		0.14	2.27	0.67	0.01	2.55	0.66
Underground Blasting/Crushing	0.00	15.85	62.40	1.86	4.18	0.63		0.00	2.89	11.37	0.34	0.76	0.11
Ore Processing	--	--	--	--	2.00	0.39		--	--	--	--	0.37	0.07
Reagent Offgassing	2.25	--	--	--	--	--		0.41	--	--	--	--	--
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
PG&E-Supplied Electricity	--	--	--	--	--	--		--	--	--	--	--	--
Earthwork - Disturbed Areas/Material Handling	--	--	--	--	0.00	0.00		--	--	--	--	0.00	0.00
Architectural Coatings	0.26	--	--	--	--	--		0.01	--	--	--	--	--
Consumer Products	2.65	--	--	--	--	--		0.48	--	--	--	--	--
Tree Removal - Carbon Loss ³	--	--	--	--	--	--		--	--	--	--	--	--
NID-Supplied Water Conveyance	--	--	--	--	--	--		--	--	--	--	--	--
Wastewater Septic Field	--	--	--	--	--	--		--	--	--	--	--	--
Solid Waste	--	--	--	--	--	--		--	--	--	--	--	--
TOTALS	7.75	61.93	141.83	2.13	36.91	9.09		1.32	7.96	25.34	0.37	3.70	0.87
NSAQMD Level A Thresholds²	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds²	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds²	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Year 2103 (Reclamation)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)					
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5
Offroad Equipment	0.08	0.32	3.91	0.01	0.01	0.01		0.00	0.01	0.15	0.00	0.01	0.01
Onroad Vehicles	0.19	0.36	0.90	0.01	0.48	0.13		0.01	0.01	0.03	0.00	0.02	0.00
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--
TOTALS	0.39	0.68	4.81	0.01	0.49	0.14		0.03	0.03	0.19	0.00	0.03	0.01
NSAQMD Level A Thresholds ²	<24	<24	--	--	<79	--							
NSAQMD Level B Thresholds ²	24-136	24-137	--	--	79-136	--							
NSAQMD Level C Thresholds ²	>136	>136	--	--	>136	--							
Significant (i.e., exceed Level C)?	No	No	--	--	No	--							

Notes:

1. Mitigation includes requiring all equipment >= 50 hp on-site to be Tier 4F during construction (Year 2021)
2. Thresholds of significance are based on a source’s projected impacts and are a basis from which to apply mitigation measures. The District has developed a tiered approach to significance levels: a project with emissions meeting Level A thresholds will require the most basic mitigations; projects with projected emissions in the Level B range will require more extensive mitigations; and those projects which exceed Level C thresholds will require the most extensive mitigations. The tiered thresholds for Level A, B and C are as follow for a project’s estimated emissions of criteria pollutants in lbs/day. NOx, ROG and PM10 emissions must be mitigated to a level below significant. If emissions for NOx, ROG and PM10 exceeds 136
3. Loss of sequestered carbon associated with tree removal on the Centennial and Brunswick Sites was amortized based on the 80-year life of the project.

Idaho-Maryland Mine Project

Mitigated¹ Total Emissions - With Emergency Generator Operation

[illegible][illegible]

Year 2103 (Reclamation)	Maximum Daily Emissions (lb/day)							Annual Emissions (tons/year)							Annual (MT/year)			
	ROG	NOx	CO	SOx	PM10	PM2.5		ROG	NOx	CO	SOx	PM10	PM2.5		CO2	CH4	N2O	CO2e
Offroad Equipment	0.08	0.32	3.91	0.01	0.01	0.01		0.00	0.01	0.15	0.00	0.01	0.01		25.86	0.00	0.00	26.02
Onroad Vehicles	0.19	0.36	0.90	0.01	0.48	0.13		0.01	0.01	0.03	0.00	0.02	0.00		19.61	0.00	0.00	20.07
Fuel Tanks - Breathing/Working	0.12	--	--	--	--	--		0.02	--	--	--	--	--		--	--	--	--
TOTALS	0.39	0.68	4.81	0.01	0.49	0.14		0.03	0.03	0.19	0.00	0.03	0.01		45.47	0.00	0.00	46.09
NSAQMD Level A Thresholds ²	<24	<24	--	--	<79	--												
NSAQMD Level B Thresholds ²	24-136	24-137	--	--	79-136	--												
NSAQMD Level C Thresholds ²	>136	>136	--	--	>136	--												
Significant (i.e., exceed Level C)?	No	No	--	--	No	--												

Notes:

- Mitigation includes requiring all equipment >= 50 hp on-site to be Tier 4F during construction (Year 2021)
- For maximum daily emissions, diesel generators were assumed to operate for 24 hours in case of power outage. For annual emissions, diesel generators assumed to operate 9 days of power outages based on 2019 Public Safety Power Shutoffs
- Thresholds of significance are based on a source’s projected impacts and are a basis from which to apply mitigation measures. The District has developed a tiered approach to significance levels: a project with emissions meeting Level A thresholds will require the most basic mitigations; projects with projected emissions in the Level B range will require more extensive mitigations; and those projects which exceed Level C thresholds will require the most extensive mitigations. The tiered thresholds for Level A, B and C are as follow for a project’s estimated emissions of criteria pollutants in lbs/day. NOx, ROG and PM10 emissions must be mitigated to a level below significant. If emissions for NOx, ROG and PM10 exceeds 136 pounds per day (Level C), then there is a significant impact; below Level C is potentially significant (NSAQMD 2019).
- Loss of sequestered carbon associated with tree removal on the Centennial and Brunswick Sites was amortized based on the 80-year life of the project.

Off-Road Equipment – Unmitigated

Idaho-Maryland Mine Project
Equipment Emissions Summary - Unmitigated

Construction		Daily Emissions (lb/day)								Monthly Emissions (tons/month)											
		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Year 2021																					
	Jan-21	4.09	32.77	28.49	0.05	1.37	1.28	4904.20	1.38	0.62		0.05	0.42	0.37	0.00	0.02	0.02	63.26	0.02	0.01	66.09
	Feb-21	6.71	53.84	47.41	0.10	2.30	2.15	8925.30	2.55	1.14		0.09	0.69	0.61	0.00	0.03	0.03	115.14	0.03	0.01	120.35
	Mar-21	6.71	53.84	47.41	0.10	2.30	2.15	8925.30	2.55	1.14		0.09	0.69	0.61	0.00	0.03	0.03	115.14	0.03	0.01	120.35
	Apr-21	6.21	49.03	43.79	0.09	2.06	1.93	8313.32	2.35	1.05		0.08	0.63	0.56	0.00	0.03	0.02	107.24	0.03	0.01	112.06
	May-21	6.21	49.03	43.79	0.09	2.06	1.93	8313.32	2.35	1.05		0.08	0.63	0.56	0.00	0.03	0.02	107.24	0.03	0.01	112.06
	Jun-21	4.09	32.77	28.49	0.05	1.37	1.28	4904.20	1.38	0.62		0.05	0.42	0.37	0.00	0.02	0.02	63.26	0.02	0.01	66.09
	Jul-21	4.70	38.96	32.86	0.06	1.66	1.55	5698.93	1.64	0.74		0.06	0.50	0.42	0.00	0.02	0.02	73.52	0.02	0.01	76.87
	Aug-21	4.70	38.96	32.86	0.06	1.66	1.55	5698.93	1.64	0.74		0.06	0.50	0.42	0.00	0.02	0.02	73.52	0.02	0.01	76.87
	Sep-21	5.02	41.12	50.83	0.08	1.69	1.58	7989.55	2.38	1.07		0.07	0.54	0.69	0.00	0.02	0.02	107.99	0.03	0.01	113.11
	Oct-21	4.40	34.93	46.46	0.08	1.40	1.32	7194.83	2.12	0.95		0.06	0.46	0.64	0.00	0.02	0.02	97.74	0.03	0.01	102.33
	Nov-21	4.90	39.75	50.08	0.08	1.65	1.54	7806.82	2.32	1.04		0.06	0.52	0.68	0.00	0.02	0.02	105.63	0.03	0.01	110.63
	Dec-21	4.90	39.75	50.08	0.08	1.65	1.54	7806.82	2.32	1.04		0.06	0.52	0.68	0.00	0.02	0.02	105.63	0.03	0.01	110.63

SUMMARY - MAXIMUM DAILY	6.71	53.84	50.83	0.10	2.30	2.15	8,925.30	2.55	1.14										
TOTAL - TONS										0.81	6.53	6.64	0.01	0.27	0.26	1,135.31	0.33	0.15	1,187.46
TOTAL - METRIC TONS																1,029.94	0.30	0.13	1,077.25

ail																				
Operations	Daily Emissions (lb/day)										Annual Emissions (tons/year)									
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Year 2022 - Year 2026																				
Mining, Brunswick Site, Fill Placement at Centennial	1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71		0.33	3.13	15.81	0.02	0.03	0.03	2,238.64	0.70	0.31	2,349.20
Year 2027 -Year 2032																				
Mining, Brunswick Site, Fill Placement at Brunswick	1.80	17.14	86.65	0.13	0.17	0.17	12,263.61	3.80	1.70		0.33	3.13	15.81	0.02	0.03	0.03	2,238.11	0.69	0.31	2,348.17
Year 2033 - 2102																				
Mining, Brunswick Site, Fill Placement Off-Site	1.43	15.34	72.85	0.12	0.13	0.13	10,952.11	0.49	0.22		0.26	2.80	13.29	0.02	0.02	0.02	1,998.76	0.09	0.04	2,013.06
Year 2103																				
Reclamation	0.08	0.32	3.91	0.01	0.01	0.01	736.61	0.03	0.01		0.00	0.01	0.15	0.00	0.00	0.00	28.51	0.00	0.00	28.69

SUMMARY - MAXIMUM DAILY	1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71										
MAXIMUM ANNUAL - TONS										0.33	3.13	15.81	0.02	0.03	0.03	2,238.64	0.70	0.31	2,349.20
MAXIMUM ANNUAL - METRIC TONS																2,030.86	0.63	0.28	2,131.16

Idaho-Maryland Mine Project
Off-Road Equipment Emission Factors - Unmitigated

Project Phase	Equipment - Project-Specific Name	Equipment - OFFROAD Category	Year	HP	Bin Max	Load Factor	Emission Factors (g-HP/hr)									Hourly Emission Rates (lb/hr)								
							ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
Year 2021	Construction																							
Construction - Foundation and Concrete	Walk behind Compactor	Rollers	2021	10	15	0.38	0.847	4.351	4.597	0.005	0.294	0.270	525.791	0.170	0.076	0.007	0.035	0.039	0.000	0.002	0.002	4.405	0.001	0.001
Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	2021	81	120	0.38	0.369	2.913	3.523	0.006	0.166	0.166	568.299	0.033	0.015	0.025	0.187	0.239	0.000	0.010	0.010	38.562	0.002	0.001
Construction - Grading and Paving	Dozer	Rubber Tired Dozers	2021	305	500	0.43	0.492	5.081	4.041	0.005	0.232	0.214	478.987	0.155	0.069	0.142	1.393	1.168	0.001	0.057	0.053	138.485	0.045	0.020
Construction - Grading and Paving	Grader	Graders	2021	185	250	0.41	0.335	4.381	1.307	0.005	0.139	0.128	474.539	0.153	0.069	0.056	0.695	0.219	0.001	0.020	0.018	79.348	0.026	0.012
Construction - Grading and Paving	Excavator	Excavators	2021	525	750	0.38	0.165	1.619	1.150	0.005	0.056	0.052	469.547	0.152	0.068	0.073	0.675	0.506	0.002	0.021	0.019	206.506	0.067	0.030
Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	2021	318	500	0.36	0.264	2.610	1.529	0.005	0.097	0.090	467.928	0.151	0.068	0.067	0.625	0.386	0.001	0.021	0.019	118.091	0.038	0.017
Construction - Grading and Paving	Roller/compactor	Rollers	2021	80	120	0.38	0.353	3.589	3.507	0.005	0.219	0.202	473.901	0.153	0.069	0.024	0.228	0.235	0.000	0.013	0.012	31.759	0.010	0.005
Construction - Grading and Paving	Paving Equipment	Paving Equipment	2021	132	175	0.36	0.229	2.315	3.032	0.005	0.114	0.105	470.649	0.152	0.068	0.024	0.230	0.318	0.001	0.010	0.009	49.304	0.016	0.007
Construction - Building	Skid steer / forklift	Skid Steer Loaders	2021	20	25	0.37	0.409	3.573	3.732	0.005	0.126	0.116	527.450	0.171	0.076	0.007	0.055	0.061	0.000	0.002	0.002	8.604	0.003	0.001
Construction - Building	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Building	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Building	Forklift	Forklifts	2021	100	120	0.4	0.412	3.756	3.720	0.005	0.267	0.245	471.528	0.153	0.068	0.036	0.314	0.328	0.000	0.020	0.018	41.579	0.013	0.006
Construction - Building	Crane	Cranes	2021	231	250	0.29	0.349	4.104	1.678	0.005	0.167	0.153	472.906	0.153	0.069	0.052	0.575	0.248	0.001	0.021	0.019	69.838	0.023	0.010
Construction - Ironworkers	Forklift	Forklifts	2021	100	120	0.4	0.412	3.756	3.720	0.005	0.267	0.245	471.528	0.153	0.068	0.036	0.314	0.328	0.000	0.020	0.018	41.579	0.013	0.006
Construction - Ironworkers	Crane	Cranes	2021	231	250	0.29	0.349	4.104	1.678	0.005	0.167	0.153	472.906	0.153	0.069	0.052	0.575	0.248	0.001	0.021	0.019	69.838	0.023	0.010
Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	2021	20	25	0.37	0.409	3.573	3.732	0.005	0.126	0.116	527.450	0.171	0.076	0.007	0.055	0.061	0.000	0.002	0.002	8.604	0.003	0.001
Construction - Electrical and Mechanical	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Electrical and Mechanical	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Electrical and Mechanical	Forklift	Forklifts	2021	100	120	0.4	0.412	3.756	3.720	0.005	0.267	0.245	471.528	0.153	0.068	0.036	0.314	0.328	0.000	0.020	0.018	41.579	0.013	0.006
Construction - Electrical and Mechanical	Crane	Cranes	2021	231	250	0.29	0.349	4.104	1.678	0.005	0.167	0.153	472.906	0.153	0.069	0.052	0.575	0.248	0.001	0.021	0.019	69.838	0.023	0.010
Construction - Potable Water Line	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Potable Water Line	Forklift	Forklifts	2021	100	120	0.4	0.412	3.756	3.720	0.005	0.267	0.245	471.528	0.153	0.068	0.036	0.314	0.328	0.000	0.020	0.018	41.579	0.013	0.006
Construction - Potable Water Line	Excavator	Excavators	2021	525	750	0.38	0.165	1.619	1.150	0.005	0.056	0.052	469.547	0.152	0.068	0.073	0.675	0.506	0.002	0.021	0.019	206.506	0.067	0.030
Construction - Potable Water Line	Concrete Saw	Concrete/Industrial Saws	2021	81	120	0.38	0.369	2.913	3.523	0.006	0.166	0.166	568.299	0.033	0.015	0.025	0.187	0.239	0.000	0.010	0.010	38.562	0.002	0.001
Construction - Potable Water Line	Front-end loader	Rubber Tired Loaders	2021	318	500	0.36	0.264	2.610	1.529	0.005	0.097	0.090	467.928	0.151	0.068	0.067	0.625	0.386	0.001	0.021	0.019	118.091	0.038	0.017
Construction - Potable Water Line	Rollor compactor	Rollers	2021	80	120	0.38	0.353	3.589	3.507	0.005	0.219	0.202	473.901	0.153	0.069	0.024	0.228	0.235	0.000	0.013	0.012	31.759	0.010	0.005
Construction - Potable Water Line	Paving Equipment	Paving Equipment	2021	132	175	0.36	0.229	2.315	3.032	0.005	0.114	0.105	470.649	0.152	0.068	0.024	0.230	0.318	0.001	0.010	0.009	49.304	0.016	0.007
Construction - Transmission Line Extension	Forklift	Forklifts	2021	100	120	0.40	0.412	3.756	3.720	0.005	0.267	0.245	471.528	0.153	0.068	0.036	0.314	0.328	0.000	0.020	0.018	41.579	0.013	0.006
Construction - Transmission Line Extension	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Transmission Line Extension	Crane	Cranes	2021	231	250	0.29	0.349	4.104	1.678	0.005	0.167	0.153	472.906	0.153	0.069	0.052	0.575	0.248	0.001	0.021	0.019	69.838	0.023	0.010
Construction - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	2021	125	175	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.080	0.152	0.068	0.007	0.027	0.407	0.001	0.001	0.001	51.806	0.017	0.008
Construction - Underground Mine	Personnel Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	2021	23	25	0.34	0.120	2.750	4.100	0.005	0.008	0.008	527.783	0.171	0.0									

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Unmitigated

Location	Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)									Monthly Emissions (tons/month)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
									ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Unmitigated

Location		Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)										
										ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E
Brunswick Industrial Site		Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site		Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site		Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site		Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site		Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.10	1.15	0.50	0.00	0.04	0.04	139.68	0.05	0.02	0.001	0.015	0.006	0.000	0.001	0.000	1.802	0.001	0.000	1.89
E. Bennett Road		Construction - Potable Water Line	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
E. Bennett Road		Construction - Potable Water Line	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
E. Bennett Road		Construction - Potable Water Line	Excavator	Excavators	1	8	6	206	Off-Road	0.58	5.40	4.05	0.02	0.17	0.16	1,652.05	0.53	0.24	0.008	0.070	0.052	0.000	0.002	0.002	21.311	0.007	0.003	22.40
E. Bennett Road		Construction - Potable Water Line	Concrete Saw	Concrete/Industrial Saws	1	4	6	103	Off-Road	0.10	0.75	0.96	0.00	0.04	0.04	154.25	0.01	0.00	0.001	0.010	0.012	0.000	0.000	0.000	1.990	0.000	0.000	2.01
E. Bennett Road		Construction - Potable Water Line	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.27	2.50	1.54	0.00	0.08	0.08	472.37	0.15	0.07	0.003	0.032	0.020	0.000	0.001	0.001	6.094	0.002	0.001	6.41
E. Bennett Road		Construction - Potable Water Line	Rollor compactor	Rollers	1	4	6	103	Off-Road	0.09	0.91	0.94	0.00	0.05	0.05	127.04	0.04	0.02	0.001	0.012	0.012	0.000	0.001	0.001	1.639	0.001	0.000	1.72
E. Bennett Road		Construction - Potable Water Line	Paving Equipment	Paving Equipment	1	4	6	103	Off-Road	0.10	0.92	1.27	0.00	0.04	0.04	197.22	0.06	0.03	0.001	0.012	0.016	0.000	0.001	0.000	2.544	0.001	0.000	2.67
Apr-21										6.21	49.03	43.79	0.09	2.06	1.93	8,313.32	2.35	1.05	0.08	0.63	0.56	0.00	0.03	0.02	107.24	0.03	0.01	112.06
May-21										0.01	0.03	0.04	0.00	0.00	0.00	4.40	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.000	0.000	0.06
Brunswick Industrial Site		Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	1	2	6	52	Off-Road	0.05	0.37	0.48	0.00	0.02	0.02	77.12	0.00	0.00	0.001	0.005	0.006	0.000	0.000	0.000	0.995	0.000	0.000	1.00
Brunswick Industrial Site		Construction - Grading and Paving	Dozer	Rubber Tired Dozers	1	4	6	103	Off-Road	0.57	5.57	4.67	0.01	0.23	0.21	553.94	0.18	0.08	0.007	0.072	0.060	0.000	0.003	0.003	7.146	0.002	0.001	7.51
Brunswick Industrial Site		Construction - Grading and Paving	Grader	Graders	1	4	6	103	Off-Road	0.22	2.78	0.87	0.00	0.08	0.07	317.39	0.10	0.05	0.003	0.036	0.011	0.000	0.001	0.001	4.094	0.001	0.001	4.30
Brunswick Industrial Site		Construction - Grading and Paving	Excavator	Excavators	1	4	6	103	Off-Road	0.29	2.70	2.02	0.01	0.08	0.08	826.02	0.27	0.12	0.004	0.035	0.026	0.000	0.001	0.001	10.656	0.003	0.002	11.20
Brunswick Industrial Site		Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.27	2.50	1.54	0.00	0.08	0.08	472.37	0.15	0.07	0.003	0.032	0.020	0.000	0.001	0.001	6.094	0.002	0.001	6.41
Brunswick Industrial Site		Construction - Grading and Paving	Rollor compactor	Rollers	1	4	6	103	Off-Road	0.09	0.91	0.94	0.00	0.05	0.05	127.04	0.04	0.02	0.001	0.012	0.012	0.000	0.001	0.001	1.639	0.001	0.000	1.72
Brunswick Industrial Site		Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.05	0.46	0.64	0.00	0.02	0.02	98.61	0.03	0.01	0.001	0.006	0.008	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site		Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site		Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site		Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site		Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site		Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.21	2.30	0.99	0.00	0.08	0.08	279.35	0.09	0.04	0.003	0.030	0.013	0.000	0.001	0.001	3.604	0.001	0.001	3.79
Brunswick Industrial Site		Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site		Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site		Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site		Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site		Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.10	1.15	0.50	0.00	0.04	0.04	139.68	0.05	0.02	0.001	0.015	0.006	0.000	0.001	0.000	1.802	0.001	0.000	1.89
E. Bennett Road		Construction - Potable Water Line	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.						

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Unmitigated

Location	Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)										
									ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.05	0.46	0.64	0.00	0.02	0.02	98.61	0.03	0.01	0.001	0.006	0.008	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.21	2.30	0.99	0.00	0.08	0.08	279.35	0.09	0.04	0.003	0.030	0.013	0.000	0.001	0.001	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.10	1.15	0.50	0.00	0.04	0.04	139.68	0.05	0.02	0.001	0.015	0.006	0.000	0.001	0.000	1.802	0.001	0.000	1.89
E. Bennett Road	Construction - Transmission Line Extension	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
E. Bennett Road	Construction - Transmission Line Extension	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
E. Bennett Road	Construction - Transmission Line Extension	Crane	Cranes	1	6	6	155	Off-Road	0.31	3.45	1.49	0.00	0.13	0.12	419.03	0.14	0.06	0.004	0.044	0.019	0.000	0.002	0.001	5.405	0.002	0.001	5.68
Aug-21									4.70	38.96	32.86	0.06	1.66	1.55	5,698.93	1.64	0.74	0.06	0.50	0.42	0.00	0.02	0.02	73.52	0.02	0.01	76.87
Sep-21									0.01	0.03	0.04	0.00	0.00	0.00	4.40	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.000	0.000	0.06
Brunswick Industrial Site	Construction - Foundation and Concrete	Walk behind Compactor	Rollers	1	1	6	26	Off-Road	0.05	0.37	0.48	0.00	0.02	0.02	77.12	0.00	0.00	0.001	0.005	0.006	0.000	0.000	0.000	0.995	0.000	0.000	1.00
Brunswick Industrial Site	Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	1	2	6	52	Off-Road	0.57	5.57	4.67	0.01	0.23	0.21	553.94	0.18	0.08	0.007	0.072	0.060	0.000	0.003	0.003	7.146	0.002	0.001	7.51
Brunswick Industrial Site	Construction - Grading and Paving	Dozer	Rubber Tired Dozers	1	4	6	103	Off-Road	0.22	2.78	0.87	0.00	0.08	0.07	317.39	0.10	0.05	0.003	0.036	0.011	0.000	0.001	0.001	4.094	0.001	0.001	4.30
Brunswick Industrial Site	Construction - Grading and Paving	Grader	Graders	1	4	6	103	Off-Road	0.29	2.70	2.02	0.01	0.08	0.08	826.02	0.27	0.12	0.004	0.035	0.026	0.000	0.001	0.001	10.656	0.003	0.002	11.20
Brunswick Industrial Site	Construction - Grading and Paving	Excavator	Excavators	1	4	6	103	Off-Road	0.27	2.50	1.54	0.00	0.08	0.08	472.37	0.15	0.07	0.003	0.032	0.020	0.000	0.001	0.001	6.094	0.002	0.001	6.41
Brunswick Industrial Site	Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.09	0.91	0.94	0.00	0.05	0.05	127.04	0.04	0.02	0.001	0.012	0.012	0.000	0.001	0.001	1.639	0.001	0.000	1.72
Brunswick Industrial Site	Construction - Grading and Paving	Rollor compactor	Rollers	1	4	6	103	Off-Road	0.27	2.50	1.54	0.00	0.08	0.08	472.37	0.15	0.07	0.003	0.032	0.020	0.000	0.001	0.001	6.094	0.002	0.001	6.41
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.05	0.46	0.64	0.00	0.02	0.02	98.61	0.03	0.01	0.001	0.006	0.008	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.21	2.30	0.99	0.00	0.08	0.08	279.35	0.09	0.04	0.003	0.030	0.013	0.000	0.001	0.001	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004</									

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Unmitigated

Location	Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)											
									ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E	
Brunswick Industrial Site	Construction - Grading and Paving	Excavator	Excavators	1	4	6	103	Off-Road	0.29	2.70	2.02	0.01	0.08	0.08	826.02	0.27	0.12	0.004	0.035	0.026	0.000	0.001	0.001	10.656	0.003	0.002	11.20	
Brunswick Industrial Site	Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.27	2.50	1.54	0.00	0.08	0.08	472.37	0.15	0.07	0.003	0.032	0.020	0.000	0.001	0.001	6.094	0.002	0.001	6.41	
Brunswick Industrial Site	Construction - Grading and Paving	Roller compactor	Rollers	1	4	6	103	Off-Road	0.09	0.91	0.94	0.00	0.05	0.05	127.04	0.04	0.02	0.001	0.012	0.012	0.000	0.001	0.001	1.639	0.001	0.000	1.72	
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.05	0.46	0.64	0.00	0.02	0.02	98.61	0.03	0.01	0.001	0.006	0.008	0.000	0.000	0.000	1.272	0.000	0.000	1.34	
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10	
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58	
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24	
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51	
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.21	2.30	0.99	0.00	0.08	0.08	279.35	0.09	0.04	0.003	0.030	0.013	0.000	0.001	0.001	3.604	0.001	0.001	3.79	
Brunswick Industrial Site	Construction - Ironworkers	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51	
Brunswick Industrial Site	Construction - Ironworkers	Crane	Cranes	1	4	6	103	Off-Road	0.21	2.30	0.99	0.00	0.08	0.08	279.35	0.09	0.04	0.003	0.030	0.013	0.000	0.001	0.001	3.604	0.001	0.001	3.79	
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10	
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58	
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24	
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.29	2.51	2.62	0.00	0.16	0.15	332.64	0.11	0.05	0.004	0.032	0.034	0.000	0.002	0.002	4.291	0.001	0.001	4.51	
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.10	1.15	0.50	0.00	0.04	0.04	139.68	0.05	0.02	0.001	0.015	0.006	0.000	0.001	0.000	1.802	0.001	0.000	1.89	
Brunswick Industrial Site - Underground Mine	Construction - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	2	20	7	1204	Off-Road	0.26	1.08	16.28	0.02	0.03	0.03	2,072.26	0.67	0.30	0.004	0.016	0.245	0.000	0.000	0.000	31.187	0.010	0.005	32.79	
Brunswick Industrial Site - Underground Mine	Construction - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	2	12	7	722	Off-Road	0.05	1.08	1.70	0.00	0.00	0.00	218.37	0.07	0.03	0.001	0.016	0.026	0.000	0.000	0.000	3.286	0.001	0.000	3.45	
Dec-21									TOTAL	4.90	39.75	50.08	0.08	1.65	1.54	7,806.82	2.32	1.04	0.06	0.52	0.68	0.00	0.02	0.02	105.63	0.03	0.01	110.63

ANNUAL SUMMARY - MAXIMUM	6.71	53.84	50.83	0.10	2.30	2.15	8,925.30	2.55	1.14	0.09	0.69	0.69	0.00	0.03	0.03	115.14	0.03	0.01	120.35
ANNUAL TOTAL - TONS										0.81	6.53	6.64	0.01	0.27	0.26	1,135.31	0.33	0.15	1,187.46
ANNUAL TOTAL - METRIC TONS																1,029.94	0.30	0.13	1,077.25

Year 2022 - Year 2026									Engineered Fill to Centennial (5 yrs)																				
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Jumbo Drill Carrier, Sandvik DD210 Tier 4F	Bore/Drill Rigs	3	4	7	365	Off-Road	0.08	1.66	2.36	0.00	0.00	0.00	295.20	0.10	0.04	0.001	0.025	0.036	0.000	0.000	0.000	4.490	0.001	0.001	4.72		
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	6	20	7	3650	Off-Road	0.79	3.25	48.83	0.06	0.09	0.09	6,201.25	2.01	0.90	0.012	0.049	0.743	0.001	0.001	0.001	94.311	0.031	0.014	99.15		
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	10	12	7	3650	Off-Road	0.25	5.39	8.48	0.01	0.01	0.01	1,094.72	0.35	0.16	0.004	0.082	0.129	0.000	0.000	0.000	16.649	0.005	0.002	17.50		
Brunswick Industrial Site	Operations - Brunswick Site	Skid steer / forklift, Tier 4F	Skid Steer Loaders	3	12	7	1095	Off-Road	0.07	1.53	2.41	0.00	0.00	0.00	309.66	0.10	0.04	0.001	0.023	0.037	0.000	0.000	0.000	4.709	0.002	0.001	4.95		
Brunswick Industrial Site	Operations - Brunswick Site	Manlift, Tier 4F	Aerial Lifts	1	6	7	183	Off-Road	0.01	0.21	0.34	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.005	0.000	0.000	0.000	0.655	0.000	0.000	0.69		
Brunswick Industrial Site	Operations - Brunswick Site	Rough Terrain Crane (50t), Tier 4F	Cranes	1	12	7	365	Off-Road	0.10	0.39	5.87	0.01	0.01	0.01	753.29	0.24	0.11	0.001	0.006	0.089	0.000	0.000	0.000	11.456	0.004	0.002	12.04		
Brunswick Industrial Site	Operations - Brunswick Site	Portable generator / welder, Tier 4F	Welders	3	8	7	730	Off-Road	0.13	2.90	4.56	0.01	0.01	0.01	631.42	0.08	0.03	0.002	0.044	0.069	0.000	0.000	0.000	9.603	0.001	0.001	9.79		
Centennial Industrial Site	Operations - Centennial Fill Placement	Dozer, Tier 4F	Rubber Tired Dozers	1	4	7	122	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	554.31	0.18	0.08	0.001	0.004	0.039	0.000	0.000	0.000	8.430	0.003	0.001	8.86		
Centennial Industrial Site	Operations - Centennial Fill Placement	Grader, Tier 4F	Graders	1	4	7	122	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	317.19	0.10	0.05	0.001	0.003	0.022	0.000	0.000	0.000	4.824	0.002	0.001	5.07		
Centennial Industrial Site	Operations - Centennial Fill Placement	Excavator, Tier 4F	Excavators	1	4	7	122	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	825.57	0.27	0.12	0.002	0.007	0.059	0.000	0.000	0.000	12.556	0.004	0.002	13.20		
Centennial Industrial Site	Operations - Centennial Fill Placement	Front-end loader, Tier 4F	Rubber Tired Loaders	1	4	7	122	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.57	0.15	0.07	0.001	0.004	0.034	0.000	0.000	0.000	7.187	0.002	0.001	7.56		
Centennial Industrial Site	Operations - Centennial Fill Placement	Mobile Tire pressure washing system, Tier 4F	Pumps	1	3	7	91	Off-Road	0.01	0.31	0.44	0.00	0.00	0.00	67.65	0.00	0.00	0.000	0.005	0.007	0.000	0.000	0.000	1.029	0.000	0.000	1.04		
Centennial Industrial Site	Operations - Centennial Fill Placement	Mobile auger blending plant, Tier 4F	Other General Industrial Equipm	1	4	7	122	On-Road	0.09	0.37	3.26	0.01	0.01	0.01	700.61	0.23	0.10	0.001	0.006	0.050	0.000	0.000	0.000	10.655	0.003	0.002	11.20		
Year 2022 - Year 2026									TOTAL																				
									1.80 17.14 86.65 0.13 0.17 0.17 12,266.50 3.82 1.71																				

ANNUAL SUMMARY - MAXIMUM	1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71	0.03	0.26	1.32	0.00	0.00	0.00	186.55	0.06	0.03	195.77
ANNUAL TOTAL - TONS										0.33	3.13	15.81	0.02	0.03	0.03	2,238.64	0.70	0.31	2,349.20
ANNUAL TOTAL - METRIC TONS																2,030.86	0.63	0.28	2,131.16

Year 2027 - Year 2032									Engineered Fill to Brunswick (6 yrs)																		
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Jumbo Drill Carrier, Sandvik DD210 Tier 4F	Bore/Drill Rigs	3	4	7	365	Off-Road	0.08	1.66	2.36	0.00	0.00	0.00	293.65	0.09	0.04	0.001	0.025	0.036	0.000	0.000	0.000	4.466	0.001	0.001	4.69
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	6	20	7	3650	Off-Road	0.79	3.25	48.83	0.06	0.09	0.09	6,200.82	2.01	0.90	0.012	0.049	0.743	0.001	0.001	0.001	94.304	0.030	0.014	99.14
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	10	12	7	3650	Off-Road	0.25	5.39	8.48	0.01	0.01	0.01	1,094.25	0.35	0.16	0.004	0.082	0.129	0.000	0.000	0.000	16.642	0.005	0.002	17.50
Brunswick Industrial Site	Operations - Brunswick Site	Skid steer / forklift, Tier 4F	Skid Steer Loaders	3	12	7	1095	Off-Road	0.07	1.53	2.41	0.00	0.00	0.00	310.00	0.10	0.04	0.001	0.023	0.037	0.000	0.000	0.000	4.715	0.002	0.001	4.96
Brunswick Industrial Site	Operations - Brunswick Site	Manlift, Tier 4F	Aerial Lifts	1	6	7	183	Off-Road	0.01	0.21	0.34	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.005	0.000	0.000	0.000	0.655	0.000	0.000	0.69
Brunswick Industrial Site	Operations - Brunswick Site	Rough Terrain Crane (50t), Tier 4F	Cranes	1	12	7	365	Off-Road	0.10	0.39	5.87	0.01	0.01	0.01	753.54	0.24	0.11	0.001	0.006	0.089	0.000	0.000	0.000	11.460	0.004	0.002	12.05
Brunswick Industrial Site	Operations - Brunswick Site	Portable generator / welder, Tier 4F	Welders	3	8	7	730	Off-Road	0.13	2.90	4.56	0.01	0.01	0.01	631.42	0.06	0.03	0.002	0.044	0.069	0.000	0.000	0.000	9.603	0.001	0.000	9.75
Centennial Industrial Site	Operations - Brunswick Fill Placement	Dozer, Tier 4F	Rubber Tired Dozers	1	4	7	122	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	554.06	0.18	0.08	0.001	0.004	0.039	0.000	0.000	0.000	8.426	0.003	0.001	8.86
Centennial Industrial Site	Operations - Brunswick Fill Placement	Grader, Tier 4F	Graders	1	4	7	122	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	316.68	0.10	0.05	0.001	0.003	0.022	0.000	0.000	0.000	4.816	0.002	0.001	5.06
Centennial Industrial Site	Operations - Brunswick Fill Placement	Excavator, Tier 4F	Excavators	1	4	7	122	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	824.28	0.27	0.12	0.002	0.007	0.059	0.000	0.000	0.000	12.536	0.004	0.002	13.18
Centennial Industrial Site	Operations - Brunswick Fill Placement	Front-end loader, Tier 4F	Rubber Tired Loaders	1	4	7	122	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	473.59	0.15	0.07	0.001	0.004	0.034	0.000	0.000	0.000	7.203	0.002	0.001	7.57
Centennial Industrial Site	Operations - Brunswick Fill Placement	Mobile Tire pressure washing system, Tier 4F	Pumps	1	3	7	91	Off-Road	0.01	0.31	0.44	0.00	0.00	0.00	67.65	0.00	0.00	0.000	0.005	0.007	0.000	0.000	0.000	1.029	0.000	0.000	1.04
Centennial Industrial Site	Operations - Brunswick Fill Placement	Mobile auger blending plant, Tier 4F	Other General Industrial Equipm	1	4	7	122	On-Road	0.09	0.37	3.26	0.01	0.01	0.01	700.61	0.23	0.10	0.001	0.006	0.050	0.000	0.000	0.000	10.655	0.003	0.002	11.20
Year 2027 - Year 2032								TOTAL	1.80	17.14	86.65	0.13	0.17	0.17	12,263.61	3.80	1.70	0.03	0.26	1.32	0.00	0.00	0.00	186.51	0.06	0.03	195.68

Off-Road Equipment – Mitigated

Idaho-Maryland Mine Project
Equipment Emissions Summary - Mitigated

Construction		Daily Emissions (lb/day)								Monthly Emissions (tons/month)											
		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Year 2021																					
	Jan-21	2.11	10.86	30.13	0.05	0.41	0.40	4904.20	1.38	0.62		0.03	0.14	0.39	0.00	0.01	0.01	63.26	0.02	0.01	66.09
	Feb-21	3.25	15.97	54.08	0.10	0.60	0.60	8925.30	2.55	1.14		0.04	0.21	0.70	0.00	0.01	0.01	115.14	0.03	0.01	120.35
	Mar-21	3.25	15.97	54.08	0.10	0.60	0.60	8925.30	2.55	1.14		0.04	0.21	0.70	0.00	0.01	0.01	115.14	0.03	0.01	120.35
	Apr-21	3.17	15.65	50.17	0.09	0.59	0.59	8313.32	2.35	1.05		0.04	0.20	0.65	0.00	0.01	0.01	107.24	0.03	0.01	112.06
	May-21	3.17	15.65	50.17	0.09	0.59	0.59	8313.32	2.35	1.05		0.04	0.20	0.65	0.00	0.01	0.01	107.24	0.03	0.01	112.06
	Jun-21	2.11	10.86	30.13	0.05	0.41	0.40	4904.20	1.38	0.62		0.03	0.14	0.39	0.00	0.01	0.01	63.26	0.02	0.01	66.09
	Jul-21	2.22	11.48	34.95	0.06	0.42	0.42	5698.93	1.64	0.74		0.03	0.15	0.45	0.00	0.01	0.01	73.52	0.02	0.01	76.87
	Aug-21	2.22	11.48	34.95	0.06	0.42	0.42	5698.93	1.64	0.74		0.03	0.15	0.45	0.00	0.01	0.01	73.52	0.02	0.01	76.87
	Sep-21	2.53	13.64	52.92	0.08	0.45	0.45	7989.55	2.38	1.07		0.03	0.18	0.72	0.00	0.01	0.01	107.99	0.03	0.01	113.11
	Oct-21	2.42	13.02	48.11	0.08	0.44	0.44	7194.83	2.12	0.95		0.03	0.17	0.66	0.00	0.01	0.01	97.74	0.03	0.01	102.33
	Nov-21	2.50	13.34	52.01	0.08	0.45	0.44	7806.82	2.32	1.04		0.03	0.18	0.71	0.00	0.01	0.01	105.63	0.03	0.01	110.63
	Dec-21	2.50	13.34	52.01	0.08	0.45	0.44	7806.82	2.32	1.04		0.03	0.18	0.71	0.00	0.01	0.01	105.63	0.03	0.01	110.63

SUMMARY - MAXIMUM DAILY	3.25	15.97	54.08	0.10	0.60	0.60	8,925.30	2.55	1.14										
TOTAL - TONS										0.41	2.10	7.17	0.01	0.08	0.07	1,135.31	0.33	0.15	1,187.46
TOTAL - METRIC TONS																1,029.94	0.30	0.13	1,077.25

Operations	Daily Emissions (lb/day)											Annual Emissions (tons/year)									
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG		NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Year 2022 - Year 2026																					
Mining, Brunswick Site, Fill Placement at Centennial	1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71		0.33	3.13	15.81	0.02	0.03	0.03	2,238.64	0.70	0.31	2,349.20	
Year 2027 -Year 2032																					
Mining, Brunswick Site, Fill Placement at Brunswick	1.80	17.14	86.65	0.13	0.17	0.17	12,263.61	3.80	1.70		0.33	3.13	15.81	0.02	0.03	0.03	2,238.11	0.69	0.31	2,348.17	
Year 2033 - 2102																					
Mining, Brunswick Site, Fill Placement Off-Site	1.43	15.34	72.85	0.12	0.13	0.13	10,952.11	0.49	0.22		0.26	2.80	13.29	0.02	0.02	0.02	1,998.76	0.09	0.04	2,013.06	
Year 2103																					
Reclamation	0.08	0.32	3.91	0.01	0.01	0.01	736.61	0.03	0.01		0.00	0.01	0.15	0.00	0.00	0.00	28.51	0.00	0.00	28.69	

SUMMARY - MAXIMUM DAILY	1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71										
MAXIMUM ANNUAL - TONS										0.33	3.13	15.81	0.02	0.03	0.03	2,238.64	0.70	0.31	2,349.20
MAXIMUM ANNUAL - METRIC TONS																2,030.86	0.63	0.28	2,131.16

Idaho-Maryland Mine Project

Off-Road Equipment Emission Factors - Mitigated

** Mitigation Includes Tier 4 Engines in All Equipment >= 50 hp

Project Phase	Equipment - Project-Specific Name	Equipment - OFFROAD Category	Year	HP	HP - Bin Max	Load Factor	Emission Factors (g-HP/hr)									Hourly Emission Rates (lb/hr)								
							ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O
Year 2021	Construction																							
Construction - Foundation and Concrete	Walk behind Compactor	Rollers	2021	10	15	0.38	0.847	4.351	4.597	0.005	0.294	0.270	525.791	0.170	0.076	0.007	0.035	0.039	0.000	0.002	0.002	4.405	0.001	0.001
Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	2021	81	120	0.38	0.060	0.260	3.700	0.006	0.008	0.008	568.299	0.033	0.015	0.004	0.017	0.251	0.000	0.000	0.000	38.562	0.002	0.001
Construction - Grading and Paving	Dozer	Rubber Tired Dozers	2021	305	500	0.43	0.060	0.260	2.200	0.005	0.008	0.008	478.987	0.155	0.069	0.017	0.071	0.636	0.001	0.002	0.002	138.485	0.045	0.020
Construction - Grading and Paving	Grader	Graders	2021	185	250	0.41	0.060	0.260	2.200	0.005	0.008	0.008	474.539	0.153	0.069	0.010	0.041	0.368	0.001	0.001	0.001	79.348	0.026	0.012
Construction - Grading and Paving	Excavator	Excavators	2021	525	750	0.38	0.060	0.260	2.200	0.005	0.008	0.008	469.547	0.152	0.068	0.026	0.108	0.968	0.002	0.003	0.003	206.506	0.067	0.030
Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	2021	318	500	0.36	0.060	0.260	2.200	0.005	0.008	0.008	467.928	0.151	0.068	0.015	0.062	0.555	0.001	0.002	0.002	118.091	0.038	0.017
Construction - Grading and Paving	Roller/compactor	Rollers	2021	80	120	0.38	0.060	0.260	3.700	0.005	0.008	0.008	473.901	0.153	0.069	0.004	0.017	0.248	0.000	0.000	0.000	31.759	0.010	0.005
Construction - Grading and Paving	Paving Equipment	Paving Equipment	2021	132	175	0.36	0.060	0.260	3.700	0.005	0.008	0.008	470.649	0.152	0.068	0.006	0.026	0.388	0.001	0.001	0.001	49.304	0.016	0.007
Construction - Building	Skid steer / forklift	Skid Steer Loaders	2021	20	25	0.37	0.409	3.573	3.732	0.005	0.126	0.116	527.450	0.171	0.076	0.007	0.055	0.061	0.000	0.002	0.002	8.604	0.003	0.001
Construction - Building	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Building	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Building	Forklift	Forklifts	2021	100	120	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.528	0.153	0.068	0.005	0.022	0.326	0.000	0.001	0.001	41.579	0.013	0.006
Construction - Building	Crane	Cranes	2021	231	250	0.29	0.060	0.260	2.200	0.005	0.008	0.008	472.906	0.153	0.069	0.009	0.036	0.325	0.001	0.001	0.001	69.838	0.023	0.010
Construction - Ironworkers	Forklift	Forklifts	2021	100	120	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.528	0.153	0.068	0.005	0.022	0.326	0.000	0.001	0.001	41.579	0.013	0.006
Construction - Ironworkers	Crane	Cranes	2021	231	250	0.29	0.060	0.260	2.200	0.005	0.008	0.008	472.906	0.153	0.069	0.009	0.036	0.325	0.001	0.001	0.001	69.838	0.023	0.010
Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	2021	20	25	0.37	0.409	3.573	3.732	0.005	0.126	0.116	527.450	0.171	0.076	0.007	0.055	0.061	0.000	0.002	0.002	8.604	0.003	0.001
Construction - Electrical and Mechanical	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Electrical and Mechanical	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Electrical and Mechanical	Forklift	Forklifts	2021	100	120	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.528	0.153	0.068	0.005	0.022	0.326	0.000	0.001	0.001	41.579	0.013	0.006
Construction - Electrical and Mechanical	Crane	Cranes	2021	231	250	0.29	0.060	0.260	2.200	0.005	0.008	0.008	472.906	0.153	0.069	0.009	0.036	0.325	0.001	0.001	0.001	69.838	0.023	0.010
Construction - Potable Water Line	Portable generator / welder	Welders	2021	30	50	0.7	0.829	4.133	4.708	0.007	0.203	0.203	568.299	0.074	0.033	0.038	0.181	0.218	0.000	0.008	0.008	26.309	0.003	0.002
Construction - Potable Water Line	Forklift	Forklifts	2021	100	120	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.528	0.153	0.068	0.005	0.022	0.326	0.000	0.001	0.001	41.579	0.013	0.006
Construction - Potable Water Line	Excavator	Excavators	2021	525	750	0.38	0.060	0.260	2.200	0.005	0.008	0.008	469.547	0.152	0.068	0.026	0.108	0.968	0.002	0.003	0.003	206.506	0.067	0.030
Construction - Potable Water Line	Concrete Saw	Concrete/Industrial Saws	2021	81	120	0.38	0.060	0.260	3.700	0.006	0.008	0.008	568.299	0.033	0.015	0.004	0.017	0.251	0.000	0.000	0.000	38.562	0.002	0.001
Construction - Potable Water Line	Front-end loader	Rubber Tired Loaders	2021	318	500	0.36	0.060	0.260	2.200	0.005	0.008	0.008	467.928	0.151	0.068	0.015	0.062	0.555	0.001	0.002	0.002	118.091	0.038	0.017
Construction - Potable Water Line	Rollor compactor	Rollers	2021	80	120	0.38	0.060	0.260	3.700	0.005	0.008	0.008	473.901	0.153	0.069	0.004	0.017	0.248	0.000	0.000	0.000	31.759	0.010	0.005
Construction - Potable Water Line	Paving Equipment	Paving Equipment	2021	132	175	0.36	0.060	0.260	3.700	0.005	0.008	0.008	470.649	0.152	0.068	0.006	0.026	0.388	0.001	0.001	0.001	49.304	0.016	0.007
Construction - Transmission Line Extension	Forklift	Forklifts	2021	100	120	0.40	0.060	0.260	3.700	0.005	0.008	0.008	471.528	0.153	0.068	0.005	0.022	0.326	0.000	0.001	0.001	41.579	0.013	0.006
Construction - Transmission Line Extension	Manlift	Aerial Lifts	2021	20	25	0.31	0.165	2.922	3.114	0.005	0.027	0.024	525.074	0.170	0.076	0.002	0.038	0.043	0.000	0.000	0.000	7.177	0.002	0.001
Construction - Transmission Line Extension	Crane	Cranes	2021	231	250	0.29	0.060	0.260	2.200	0.005	0.008	0.008	472.906	0.153	0.069	0.009	0.036	0.325	0.001	0.001	0.001	69.838	0.023	0.010
Construction - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	2021	125	175	0.4	0.060	0.260	3.700	0.005	0.008	0.008	471.080	0.152	0.068	0.007	0.027	0.407	0.001	0.001	0.001	51.806	0.017	0.008
Construction - Underground Mine	Personnel Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	2021	23	25	0.34	0.120	2.750	4.100	0.005	0.008	0.008	527.783	0.171	0.077	0.00								

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Mitigated

Location		Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
										ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Mitigated

Location		Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)										
										ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	6	52	Off-Road	0.02	0.07	0.65	0.00	0.00	0.00	139.68	0.05	0.02	0.000	0.001	0.008	0.000	0.000	0.000	1.802	0.001	0.000	1.89
E. Bennett Road	Construction - Potable Water Line	Portable generator / welder	Welders	3	6	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
E. Bennett Road	Construction - Potable Water Line	Forklift	Forklifts	2	4	6	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
E. Bennett Road	Construction - Potable Water Line	Excavator	Excavators	1	8	6	6	206	Off-Road	0.21	0.87	7.74	0.02	0.02	0.02	1,652.05	0.53	0.24	0.003	0.011	0.100	0.000	0.000	0.000	21.311	0.007	0.003	22.40
E. Bennett Road	Construction - Potable Water Line	Concrete Saw	Concrete/Industrial Saws	1	4	6	6	103	Off-Road	0.02	0.07	1.00	0.00	0.00	0.00	154.25	0.01	0.00	0.000	0.001	0.013	0.000	0.000	0.000	1.990	0.000	0.000	2.01
E. Bennett Road	Construction - Potable Water Line	Front-end loader	Rubber Tired Loaders	1	4	6	6	103	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.37	0.15	0.07	0.001	0.003	0.029	0.000	0.000	0.000	6.094	0.002	0.001	6.41
E. Bennett Road	Construction - Potable Water Line	Rollor compactor	Rollers	1	4	6	6	103	Off-Road	0.02	0.07	0.99	0.00	0.00	0.00	127.04	0.04	0.02	0.000	0.001	0.013	0.000	0.000	0.000	1.639	0.001	0.000	1.72
E. Bennett Road	Construction - Potable Water Line	Paving Equipment	Paving Equipment	1	4	6	6	103	Off-Road	0.03	0.10	1.55	0.00	0.00	0.00	197.22	0.06	0.03	0.000	0.001	0.020	0.000	0.000	0.000	2.544	0.001	0.000	2.67
Apr-21										3.17	15.65	50.17	0.09	0.59	0.59	8,313.32	2.35	1.05	0.04	0.20	0.65	0.00	0.01	0.01	107.24	0.03	0.01	112.06
May-21										0.01	0.03	0.04	0.00	0.00	0.00	4.40	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.000	0.000	0.06
Brunswick Industrial Site	Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	1	2	6	6	52	Off-Road	0.01	0.03	0.50	0.00	0.00	0.00	77.12	0.00	0.00	0.000	0.000	0.006	0.000	0.000	0.000	0.995	0.000	0.000	1.00
Brunswick Industrial Site	Construction - Grading and Paving	Dozer	Rubber Tired Dozers	1	4	6	6	103	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	553.94	0.18	0.08	0.001	0.004	0.033	0.000	0.000	0.000	7.146	0.002	0.001	7.51
Brunswick Industrial Site	Construction - Grading and Paving	Grader	Graders	1	4	6	6	103	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	317.39	0.10	0.05	0.001	0.002	0.019	0.000	0.000	0.000	4.094	0.001	0.001	4.30
Brunswick Industrial Site	Construction - Grading and Paving	Excavator	Excavators	1	4	6	6	103	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	826.02	0.27	0.12	0.001	0.006	0.050	0.000	0.000	0.000	10.656	0.003	0.002	11.20
Brunswick Industrial Site	Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	6	103	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.37	0.15	0.07	0.001	0.003	0.029	0.000	0.000	0.000	6.094	0.002	0.001	6.41
Brunswick Industrial Site	Construction - Grading and Paving	Rollor compactor	Rollers	1	4	6	6	103	Off-Road	0.02	0.07	0.99	0.00	0.00	0.00	127.04	0.04	0.02	0.000	0.001	0.013	0.000	0.000	0.000	1.639	0.001	0.000	1.72
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	6	52	Off-Road	0.01	0.05	0.78	0.00	0.00	0.00	98.61	0.03	0.01	0.000	0.001	0.010	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	6	103	Off-Road	0.04	0.15	1.30	0.00	0.00	0.00	279.35	0.09	0.04	0.000	0.002	0.017	0.000	0.000	0.000	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	6	52	Off-Road	0.02	0.07	0.65	0.00	0.00	0.00	139.68	0.05	0.02	0.000	0.001	0.008	0.000	0.000	0.000	1.802	0.001	0.000	1.89
E. Bennett Road	Construction - Potable Water Line	Portable generator / welder	Welders	3	6	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002					

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Mitigated

Location	Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)									Monthly Emissions (tons/month)									
									ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.01	0.05	0.78	0.00	0.00	0.00	98.61	0.03	0.01	0.000	0.001	0.010	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.04	0.15	1.30	0.00	0.00	0.00	279.35	0.09	0.04	0.000	0.002	0.017	0.000	0.000	0.000	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.02	0.07	0.65	0.00	0.00	0.00	139.68	0.05	0.02	0.000	0.001	0.008	0.000	0.000	0.000	1.802	0.001	0.000	1.89
E. Bennett Road	Construction - Transmission Line Extension	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
E. Bennett Road	Construction - Transmission Line Extension	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
E. Bennett Road	Construction - Transmission Line Extension	Crane	Cranes	1	6	6	155	Off-Road	0.05	0.22	1.95	0.00	0.01	0.01	419.03	0.14	0.06	0.001	0.003	0.025	0.000	0.000	0.000	5.405	0.002	0.001	5.68
Aug-21									2.22	11.48	34.95	0.06	0.42	0.42	5,698.93	1.64	0.74	0.03	0.15	0.45	0.00	0.01	0.01	73.52	0.02	0.01	76.87
Sep-21									0.01	0.03	0.04	0.00	0.00	0.00	4.40	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.057	0.000	0.000	0.06
Brunswick Industrial Site	Construction - Foundation and Concrete	Walk behind Compactor	Rollers	1	1	6	26	Off-Road	0.01	0.03	0.50	0.00	0.00	0.00	77.12	0.00	0.00	0.000	0.000	0.006	0.000	0.000	0.000	0.995	0.000	0.000	1.00
Brunswick Industrial Site	Construction - Foundation and Concrete	Concrete Saw	Concrete/Industrial Saws	1	2	6	52	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	553.94	0.18	0.08	0.001	0.004	0.033	0.000	0.000	0.000	7.146	0.002	0.001	7.51
Brunswick Industrial Site	Construction - Grading and Paving	Dozer	Rubber Tired Dozers	1	4	6	103	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	317.39	0.10	0.05	0.001	0.002	0.019	0.000	0.000	0.000	4.094	0.001	0.001	4.30
Brunswick Industrial Site	Construction - Grading and Paving	Grader	Graders	1	4	6	103	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	826.02	0.27	0.12	0.001	0.006	0.050	0.000	0.000	0.000	10.656	0.003	0.002	11.20
Brunswick Industrial Site	Construction - Grading and Paving	Excavator	Excavators	1	4	6	103	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.37	0.15	0.07	0.001	0.003	0.029	0.000	0.000	0.000	6.094	0.002	0.001	6.41
Brunswick Industrial Site	Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.02	0.07	0.99	0.00	0.00	0.00	127.04	0.04	0.02	0.000	0.001	0.013	0.000	0.000	0.000	1.639	0.001	0.000	1.72
Brunswick Industrial Site	Construction - Grading and Paving	Rollor compactor	Rollers	1	4	6	103	Off-Road	0.01	0.05	0.78	0.00	0.00	0.00	98.61	0.03	0.01	0.000	0.001	0.010	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.04	0.15	1.30	0.00	0.00	0.00	279.35	0.09	0.04	0.000	0.002	0.017	0.000	0.000	0.000	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0							

Idaho-Maryland Mine Project
Off-Road Equipment Emissions - Diesel-Fueled - Mitigated

Location	Project Phase	Equipment - Project-Specific Name	Equipment	# of Units	Hrs/Day	Days/Wk	Total Hours per Month	Category	Daily Emissions (lb/day)								Monthly Emissions (tons/month)										
									ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2E
Brunswick Industrial Site	Construction - Grading and Paving	Excavator	Excavators	1	4	6	103	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	826.02	0.27	0.12	0.001	0.006	0.050	0.000	0.000	0.000	10.656	0.003	0.002	11.20
Brunswick Industrial Site	Construction - Grading and Paving	Front-end loader	Rubber Tired Loaders	1	4	6	103	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.37	0.15	0.07	0.001	0.003	0.029	0.000	0.000	0.000	6.094	0.002	0.001	6.41
Brunswick Industrial Site	Construction - Grading and Paving	Roller compactor	Rollers	1	4	6	103	Off-Road	0.02	0.07	0.99	0.00	0.00	0.00	127.04	0.04	0.02	0.000	0.001	0.013	0.000	0.000	0.000	1.639	0.001	0.000	1.72
Brunswick Industrial Site	Construction - Grading and Paving	Paving Equipment	Paving Equipment	1	2	6	52	Off-Road	0.01	0.05	0.78	0.00	0.00	0.00	98.61	0.03	0.01	0.000	0.001	0.010	0.000	0.000	0.000	1.272	0.000	0.000	1.34
Brunswick Industrial Site	Construction - Building	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Building	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Building	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Building	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Building	Crane	Cranes	1	4	6	103	Off-Road	0.04	0.15	1.30	0.00	0.00	0.00	279.35	0.09	0.04	0.000	0.002	0.017	0.000	0.000	0.000	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Ironworkers	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Ironworkers	Crane	Cranes	1	4	6	103	Off-Road	0.04	0.15	1.30	0.00	0.00	0.00	279.35	0.09	0.04	0.000	0.002	0.017	0.000	0.000	0.000	3.604	0.001	0.001	3.79
Brunswick Industrial Site	Construction - Electrical and Mechanical	Skid steer / forklift	Skid Steer Loaders	3	6	6	464	Off-Road	0.12	0.99	1.10	0.00	0.03	0.03	154.88	0.05	0.02	0.002	0.013	0.014	0.000	0.000	0.000	1.998	0.001	0.000	2.10
Brunswick Industrial Site	Construction - Electrical and Mechanical	Manlift	Aerial Lifts	1	6	6	155	Off-Road	0.01	0.23	0.26	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.003	0.000	0.000	0.000	0.555	0.000	0.000	0.58
Brunswick Industrial Site	Construction - Electrical and Mechanical	Portable generator / welder	Welders	3	6	6	464	Off-Road	0.69	3.26	3.92	0.01	0.14	0.14	473.56	0.06	0.03	0.009	0.042	0.051	0.000	0.002	0.002	6.109	0.001	0.000	6.24
Brunswick Industrial Site	Construction - Electrical and Mechanical	Forklift	Forklifts	2	4	6	206	Off-Road	0.04	0.17	2.61	0.00	0.00	0.00	332.64	0.11	0.05	0.001	0.002	0.034	0.000	0.000	0.000	4.291	0.001	0.001	4.51
Brunswick Industrial Site	Construction - Electrical and Mechanical	Crane	Cranes	1	2	6	52	Off-Road	0.02	0.07	0.65	0.00	0.00	0.00	139.68	0.05	0.02	0.000	0.001	0.008	0.000	0.000	0.000	1.802	0.001	0.000	1.89
Brunswick Industrial Site - Underground Mine	Construction - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	2	20	7	1204	Off-Road	0.26	1.08	16.28	0.02	0.03	0.03	2,072.26	0.67	0.30	0.004	0.016	0.245	0.000	0.000	0.000	31.187	0.010	0.005	32.79
Brunswick Industrial Site - Underground Mine	Construction - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	2	12	7	722	Off-Road	0.05	1.08	1.70	0.00	0.00	0.00	218.37	0.07	0.03	0.001	0.016	0.026	0.000	0.000	0.000	3.286	0.001	0.000	3.45
Dec-21									2.50	13.34	52.01	0.08	0.45	0.44	7,806.82	2.32	1.04	0.03	0.18	0.71	0.00	0.01	0.01	105.63	0.03	0.01	110.63

ANNUAL SUMMARY - MAXIMUM

ANNUAL TOTAL - TONS

ANNUAL TOTAL - METRIC TONS

Year 2022 - Year 2026									Engineered Fill to Centennial (5 yrs)																				
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Jumbo Drill Carrier, Sandvik DD210 Tier 4F	Bore/Drill Rigs	3	4	7	365	Off-Road	0.08	1.66	2.36	0.00	0.00	0.00	295.20	0.10	0.04	0.001	0.025	0.036	0.000	0.000	0.000	4.490	0.001	0.001	4.72		
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	6	20	7	3650	Off-Road	0.79	3.25	48.83	0.06	0.09	0.09	6,201.25	2.01	0.90	0.012	0.049	0.743	0.001	0.001	0.001	94.311	0.031	0.014	99.15		
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	10	12	7	3650	Off-Road	0.25	5.39	8.48	0.01	0.01	0.01	1,094.72	0.35	0.16	0.004	0.082	0.129	0.000	0.000	0.000	16.649	0.005	0.002	17.50		
Brunswick Industrial Site	Operations - Brunswick Site	Skid steer / forklift, Tier 4F	Skid Steer Loaders	3	12	7	1095	Off-Road	0.07	1.53	2.41	0.00	0.00	0.00	309.66	0.10	0.04	0.001	0.023	0.037	0.000	0.000	0.000	4.709	0.002	0.001	4.95		
Brunswick Industrial Site	Operations - Brunswick Site	Manlift, Tier 4F	Aerial Lifts	1	6	7	183	Off-Road	0.01	0.21	0.34	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.005	0.000	0.000	0.000	0.655	0.000	0.000	0.69		
Brunswick Industrial Site	Operations - Brunswick Site	Rough Terrain Crane (50t), Tier 4F	Cranes	1	12	7	365	Off-Road	0.10	0.39	5.87	0.01	0.01	0.01	753.29	0.24	0.11	0.001	0.006	0.089	0.000	0.000	0.000	11.456	0.004	0.002	12.04		
Brunswick Industrial Site	Operations - Brunswick Site	Portable generator / welder, Tier 4F	Welders	3	8	7	730	Off-Road	0.13	2.90	4.56	0.01	0.01	0.01	631.42	0.08	0.03	0.002	0.044	0.069	0.000	0.000	0.000	9.603	0.001	0.001	9.79		
Centennial Industrial Site	Operations - Centennial Fill Placement	Dozer, Tier 4F	Rubber Tired Dozers	1	4	7	122	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	554.31	0.18	0.08	0.001	0.004	0.039	0.000	0.000	0.000	8.430	0.003	0.001	8.86		
Centennial Industrial Site	Operations - Centennial Fill Placement	Grader, Tier 4F	Graders	1	4	7	122	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	317.19	0.10	0.05	0.001	0.003	0.022	0.000	0.000	0.000	4.824	0.002	0.001	5.07		
Centennial Industrial Site	Operations - Centennial Fill Placement	Excavator, Tier 4F	Excavators	1	4	7	122	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	825.57	0.27	0.12	0.002	0.007	0.059	0.000	0.000	0.000	12.556	0.004	0.002	13.20		
Centennial Industrial Site	Operations - Centennial Fill Placement	Front-end loader, Tier 4F	Rubber Tired Loaders	1	4	7	122	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	472.57	0.15	0.07	0.001	0.004	0.034	0.000	0.000	0.000	7.187	0.002	0.001	7.56		
Centennial Industrial Site	Operations - Centennial Fill Placement	Mobile Tire pressure washing system, Tier 4F	Pumps	1	3	7	91	Off-Road	0.01	0.31	0.44	0.00	0.00	0.00	67.65	0.00	0.00	0.000	0.005	0.007	0.000	0.000	0.000	1.029	0.000	0.000	1.04		
Centennial Industrial Site	Operations - Centennial Fill Placement	Mobile auger blending plant, Tier 4F	Other General Industrial Equipm	1	4	7	122	On-Road	0.09	0.37	3.26	0.01	0.01	0.01	700.61	0.23	0.10	0.001	0.006	0.050	0.000	0.000	0.000	10.655	0.003	0.002	11.20		
Year 2022 - Year 2026									1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71	0.03	0.26	1.32	0.00	0.00	0.00	186.55	0.06	0.03	195.77		
TOTAL									1.80	17.14	86.65	0.13	0.17	0.17	12,266.50	3.82	1.71	0.33	3.13	15.81	0.00	0.00	0.03	2,238.64	0.70	0.31	2,349.20		

ANNUAL SUMMARY - MAXIMUM

ANNUAL TOTAL - TONS

ANNUAL TOTAL - METRIC TONS

Year 2027 - Year 2032			Engineered Fill to Brunswick (6 yrs)																								
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Jumbo Drill Carrier, Sandvik DD210 Tier 4F	Bore/Drill Rigs	3	4	7	365	Off-Road	0.08	1.66	2.36	0.00	0.00	0.00	293.65	0.09	0.04	0.001	0.025	0.036	0.000	0.000	0.000	4.466	0.001	0.001	4.69
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	LHD Units - Sandvik LH204, Tier 4F	Rubber Tired Loaders	6	20	7	3650	Off-Road	0.79	3.25	48.83	0.06	0.09	0.09	6,200.82	2.01	0.90	0.012	0.049	0.743	0.001	0.001	0.001	94.304	0.030	0.014	99.14
Brunswick Industrial Site - Underground Mine	Operations - Underground Mine	Personelle Vehicles - Gator XUV855, Tier 4F	Other Construction Equipment	10	12	7	3650	Off-Road	0.25	5.39	8.48	0.01	0.01	0.01	1,094.25	0.35	0.16	0.004	0.082	0.129	0.000	0.000	0.000	16.642	0.005	0.002	17.50
Brunswick Industrial Site	Operations - Brunswick Site	Skid steer / forklift, Tier 4F	Skid Steer Loaders	3	12	7	1095	Off-Road	0.07	1.53	2.41	0.00	0.00	0.00	310.00	0.10	0.04	0.001	0.023	0.037	0.000	0.000	0.000	4.715	0.002	0.001	4.96
Brunswick Industrial Site	Operations - Brunswick Site	Manlift, Tier 4F	Aerial Lifts	1	6	7	183	Off-Road	0.01	0.21	0.34	0.00	0.00	0.00	43.06	0.01	0.01	0.000	0.003	0.005	0.000	0.000	0.000	0.655	0.000	0.000	0.69
Brunswick Industrial Site	Operations - Brunswick Site	Rough Terrain Crane (50t), Tier 4F	Cranes	1	12	7	365	Off-Road	0.10	0.39	5.87	0.01	0.01	0.01	753.54	0.24	0.11	0.001	0.006	0.089	0.000	0.000	0.000	11.460	0.004	0.002	12.05
Brunswick Industrial Site	Operations - Brunswick Site	Portable generator / welder, Tier 4F	Welders	3	8	7	730	Off-Road	0.13	2.90	4.56	0.01	0.01	0.01	631.42	0.06	0.03	0.002	0.044	0.069	0.000	0.000	0.000	9.603	0.001	0.000	9.75
Centennial Industrial Site	Operations - Brunswick Fill Placement	Dozer, Tier 4F	Rubber Tired Dozers	1	4	7	122	Off-Road	0.07	0.29	2.54	0.01	0.01	0.01	554.06	0.18	0.08	0.001	0.004	0.039	0.000	0.000	0.000	8.426	0.003	0.001	8.86
Centennial Industrial Site	Operations - Brunswick Fill Placement	Grader, Tier 4F	Graders	1	4	7	122	Off-Road	0.04	0.16	1.47	0.00	0.00	0.00	316.68	0.10	0.05	0.001	0.003	0.022	0.000	0.000	0.000	4.816	0.002	0.001	5.06
Centennial Industrial Site	Operations - Brunswick Fill Placement	Excavator, Tier 4F	Excavators	1	4	7	122	Off-Road	0.11	0.43	3.87	0.01	0.01	0.01	824.28	0.27	0.12	0.002	0.007	0.059	0.000	0.000	0.000	12.536	0.004	0.002	13.18
Centennial Industrial Site	Operations - Brunswick Fill Placement	Front-end loader, Tier 4F	Rubber Tired Loaders	1	4	7	122	Off-Road	0.06	0.25	2.22	0.00	0.01	0.01	473.59	0.15	0.07	0.001	0.004	0.034	0.000	0.000	0.000	7.203	0.002	0.001	7.57
Centennial Industrial Site	Operations - Brunswick Fill Placement	Mobile Tire pressure washing system, Tier 4F	Pumps	1	3	7	91	Off-Road	0.01	0.31	0.44	0.00	0.00	0.00	67.65	0.00	0.00	0.000	0.005	0.007	0.000	0.000	0.000	1.029	0.000	0.000	1.04
Centennial Industrial Site	Operations - Brunswick Fill Placement	Mobile auger blending plant, Tier 4F	Other General Industrial Equipm	1	4	7	122	On-Road	0.09	0.37	3.26	0.01	0.01	0.01	700.61	0.23	0.10	0.001	0.006	0.050	0.000	0.000	0.000	10.655	0.003	0.002	11.20
Year 2027 - Year 2032			TOTAL					10737	1.80	17.14	86.65	0.13	0.17	0.17	12,263.61	3.80	1.70	0.03	0.26	1.32	0.00	0.00	0.00	186.51	0.06	0.03	195.68

Year 2021 - On-Road Vehicles

2021 Construction Mobile Source Emissions Factors - EMFAC2017

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)									Running Exhaust
Haul Trucks	HHDT	Diesel	Aggregate	0.106	3.823	0.430	0.014	0.152	0.088	1,457.141	0.005	0.229	0.055
Fuel Trucks	MHDT (3-axle)	Diesel	Aggregate	0.246	4.125	0.635	0.011	0.234	0.147	1,135.579	0.011	0.178	0.092
Concrete Trucks	MHDT (3-axle)	Diesel	Aggregate	0.246	4.125	0.635	0.011	0.234	0.147	1,135.579	0.011	0.178	0.092
Water Trucks	MHDT (3-axle)	Diesel	5 mph	1.467	10.570	2.575	0.023	0.350	0.258	2,434.962	0.068	0.383	0.208
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)	5 mph	0.646	1.946	3.237	0.015	0.168	0.106	1,579.288	0.039	0.164	0.068
Workers	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.026	0.122	1.188	0.003	0.047	0.020	311.769	0.006	0.009	0.000

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Haul Trucks	HHDT	2.209	0.542
Fuel Trucks	MHDT (3-axle)	1.024	0.251
Concrete Trucks	MHDT (3-axle)	1.024	0.251
Water Trucks	MHDT (3-axle)	1.024	0.251
Pick-up Trucks	LHDT2	0.990	0.243
Workers	LDA, LDT1 & LDT2 Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap (grams/trip)									
Haul Trucks	HHDT	Diesel	0.000	2.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Trucks	MHDT (3-axle)	Diesel	0.000	1.287	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Concrete Trucks	MHDT (3-axle)	Diesel	0.000	1.287	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Water Trucks	MHDT (3-axle)	Diesel	0.000	1.287	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)	0.288	0.121	0.442	0.000	0.000	0.000	4.715	0.007	0.009	0.000
Workers	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	1.457	0.359	3.220	0.001	0.002	0.002	66.880	0.096	0.036	0.000

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Idling (grams/Idle-min/vehicle)									
Haul Trucks	HHDT	Diesel	0.063	0.798	0.821	0.001	0.001	0.001	151.815	0.003	0.024	0.001
Fuel Trucks	MHDT (3-axle)	Diesel	0.027	2.045	0.442	0.002	0.006	0.006	190.639	0.001	0.030	0.006
Concrete Trucks	MHDT (3-axle)	Diesel	0.027	2.045	0.442	0.002	0.006	0.006	190.639	0.001	0.030	0.006
Water Trucks	MHDT (3-axle)	Diesel	0.027	2.045	0.442	0.002	0.006	0.006	190.639	0.001	0.030	0.006
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)	0.156	1.086	0.767	0.000	0.012	0.012	0.000	0.000	0.000	0.012

2021 Construction Mobile Source Assumptions Summary

Project Management, Engineers, Surveyors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	12	202	3,744	62,899
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	12	202	3,744	62,899

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496
Workers	LDA, LDT1 & LDT2 Composite	12	3,744
Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

Foundation and Concrete Contractor

Project Vehicle	EMFAC Class	Average Daily		Daily VMT (VMT/day)	Annual	Annual VMT (VMT/year)
		Trip Length (miles)	Daily Trips (trips/day)		Trips (trips/year)	
Concrete Trucks	MHDT (3-axle)	5	2	10	624	3,120
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	4,992	83,866

Project Vehicle	EMFAC Class	Average Daily		Daily VMT (VMT/day)	Annual	Annual VMT (VMT/year)
		Trip Length (miles)	Daily Trips (trips/day)		Trips (trips/year)	
Concrete Trucks	MHDT (3-axle)	5	2	10	624	3,120
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	4,992	83,866

Project Vehicle	EMFAC Class	Daily Trips	Annual Trips
		(trips/day)	(trips/year)
Concrete Trucks	MHDT (3-axle)	2	624
Pick-up Trucks	LHDT2	8	2,496
Workers	LDA, LDT1 & LDT2 Composite	16	4,992

Project Vehicle	EMFAC Class	Idling Minutes per Day	Idling Minutes per Year
		(min/day)	(min/year)
Concrete Trucks	MHDT (3-axle)	10	3,120
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Subtotal	Running Exhaust, Tire Wear, and Break Wear									
	0.17	0.51	0.86	0.00	0.04	0.03	417.81	0.01	0.04	431.02
	0.01	0.05	0.53	0.00	0.02	0.01	138.57	0.00	0.00	139.86
	0.18	0.57	1.38	0.01	0.07	0.04	556.37	0.01	0.05	570.88
Subtotal	PM10 PM2.5									
	Paved Road - PM only									
					0.26	0.06				
					0.13	0.03				
					0.40	0.10				
Subtotal	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.00
	0.04	0.01	0.09	0.00	0.00	0.00	0.00	1.77	0.00	0.00
	0.04	0.01	0.09	0.00	0.00	0.00	0.00	1.85	0.00	0.00
Subtotal	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Idling									
	0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL 0.24 0.68 1.54 0.01 0.46 0.13 558.23 0.02 0.05 573.13										

	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Subtotal	Running Exhaust, Tire Wear, and Break Wear									
	0.01	0.09	0.01	0.00	0.01	0.00	25.04	0.00	0.00	26.21
	0.17	0.51	0.86	0.00	0.04	0.03	417.81	0.01	0.04	431.02
	0.02	0.07	0.70	0.00	0.03	0.01	184.76	0.00	0.01	186.48
	0.19	0.68	1.57	0.01	0.08	0.04	627.60	0.01	0.05	643.72
Subtotal	Paved Road - PM only									
					0.02	0.01				
					0.26	0.06				
					0.18	0.04				
					0.46	0.11				
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Subtotal	Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.13
	0.05	0.01	0.11	0.00	0.00	0.00	0.00	2.36	0.00	2.82
	0.06	0.02	0.12	0.00	0.00	0.00	0.00	2.44	0.00	2.95
Subtotal	Idling									
	0.00	0.05	0.01	0.00	0.00	0.00	0.00	4.20	0.00	4.40
	0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.01	0.14	0.08	0.00	0.00	0.00	0.00	4.20	0.00	4.40
TOTAL	0.26	0.84	1.77	0.01	0.54	0.16	634.24	0.02	0.05	651.07

2021 Construction Mobile Source Assumptions Summary

Grading & Paving Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	5	2	10	624	3,120
Water Trucks	MHDT (3-axle)	10	2	20	624	6,240

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 3,744 62,899

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	5	2	10	624	3,120
Water Trucks	MHDT (3-axle)	10	2	20	624	6,240

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 3,744 62,899

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	2	624
Water Trucks	MHDT (3-axle)	2	624

Workers LDA, LDT1 & LDT2 Composite 12 3,744

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	3,120
Water Trucks	MHDT (3-axle)	10	3,120

Building Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496
Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.00	0.08	0.01	0.00	0.00	0.00	32.12	0.00	0.01	33.63
0.06	0.47	0.11	0.00	0.02	0.01	107.36	0.00	0.02	112.47

Subtotal 0.01 0.05 0.53 0.00 0.02 0.01 138.57 0.00 0.00 139.86
0.08 0.60 0.65 0.00 0.04 0.02 278.05 0.01 0.03 285.96

PM10	PM2.5
Paved Road - PM only	
0.04	0.01
0.07	0.02

Subtotal 0.13 0.03
0.24 0.06

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Grading & Paving Contractor TOTAL 0.08 0.60 0.65 0.00 0.28 0.08 278.05 0.01 0.03 285.96

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.17	0.51	0.86	0.00	0.04	0.03	417.81	0.01	0.04	431.02

Subtotal 0.02 0.09 0.88 0.00 0.03 0.01 230.94 0.00 0.01 233.10
0.19 0.61 1.74 0.01 0.08 0.04 648.75 0.01 0.05 664.12

PM10	PM2.5
Paved Road - PM only	
0.26	0.06

Subtotal 0.22 0.05
0.48 0.12

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.01	0.00	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.13
0.06	0.02	0.14	0.00	0.00	0.00	2.95	0.00	0.00	3.52

Subtotal 0.07 0.02 0.15 0.00 0.00 0.00 3.03 0.00 0.00 3.66

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.01 0.10 0.07 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Building Contractor TOTAL 0.27 0.72 1.95 0.01 0.56 0.16 651.78 0.02 0.05 667.78

2021 Construction Mobile Source Assumptions Summary

Ironworkers (Headframes)

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

Electrical & Mechanical Contractors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									

0.17	0.51	0.86	0.00	0.04	0.03	417.81	0.01	0.04	431.02

0.02	0.09	0.88	0.00	0.03	0.01	230.94	0.00	0.01	233.10

Subtotal	0.19	0.61	1.74	0.01	0.08	0.04	648.75	0.01	0.05	664.12

PM10	PM2.5
Paved Road - PM only	

0.26	0.06

0.22	0.05

Subtotal	0.48	0.12

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									

0.01	0.00	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.13

0.06	0.02	0.14	0.00	0.00	0.00	2.95	0.00	0.00	3.52

Subtotal	0.07	0.02	0.15	0.00	0.00	0.00	3.03	0.00	0.00	3.66

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									

0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal	0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Ironworkers (Headframes)	TOTAL	0.27	0.72	1.95	0.01	0.56	0.16	651.78	0.02	0.05	667.78

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									

0.17	0.51	0.86	0.00	0.04	0.03	417.81	0.01	0.04	431.02

0.02	0.09	0.88	0.00	0.03	0.01	230.94	0.00	0.01	233.10

Subtotal	0.19	0.61	1.74	0.01	0.08	0.04	648.75	0.01	0.05	664.12

PM10	PM2.5
Paved Road - PM only	

0.26	0.06

0.22	0.05

Subtotal	0.48	0.12

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									

0.01	0.00	0.01	0.00	0.00	0.00	0.08	0.00	0.00	0.13

0.06	0.02	0.14	0.00	0.00	0.00	2.95	0.00	0.00	3.52

Subtotal	0.07	0.02	0.15	0.00	0.00	0.00	3.03	0.00	0.00	3.66

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									

0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal	0.01	0.10	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Electrical & Mechanical Contractors	TOTAL	0.27	0.72	1.95	0.01	0.56	0.16	651.78	0.02	0.05	667.78

2021 Construction Mobile Source Assumptions Summary

Potable Water Installation Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	4,080	81,600
Water Trucks	MHDT (3-axle)	10	2	20	2,040	20,400

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 1,224 20,563

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	4,080	81,600
Water Trucks	MHDT (3-axle)	10	2	20	2,040	20,400

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 1,224 20,563

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	2	4,080
Water Trucks	MHDT (3-axle)	2	2,040

Workers LDA, LDT1 & LDT2 Composite 12 1,224

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	20,400
Water Trucks	MHDT (3-axle)	10	10,200

PG&E Powerline Extension

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	156	3,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	780	13,104

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	156	3,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	780	13,104

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	2	156
Workers	LDA, LDT1 & LDT2 Composite	10	780

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	780

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.01	0.34	0.04	0.00	0.01	0.01	128.50	0.00	0.02	134.53
0.06	0.47	0.11	0.00	0.02	0.01	107.36	0.00	0.02	112.47

Subtotal 0.01 0.05 0.53 0.00 0.02 0.01 138.57 0.00 0.00 139.86
0.09 0.86 0.68 0.00 0.05 0.03 374.43 0.01 0.04 386.86

PM10	PM2.5
Paved Road - PM only	
0.19	0.05
0.05	0.01

Subtotal 0.13 0.03
0.37 0.09

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.04 0.01 0.09 0.00 0.00 0.00 1.77 0.00 0.00 2.11
0.04 0.02 0.09 0.00 0.00 0.00 1.77 0.00 0.00 2.11

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.00	0.02	0.02	0.00	0.00	0.00	3.35	0.00	0.00	3.51
0.00	0.05	0.01	0.00	0.00	0.00	4.20	0.00	0.00	4.40

Subtotal 0.00 0.06 0.03 0.00 0.00 0.00 7.55 0.00 0.00 7.91

Potable Water Installation Contractor TOTAL 0.13 0.94 0.79 0.00 0.42 0.12 383.75 0.01 0.04 396.88

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.01	0.34	0.04	0.00	0.01	0.01	128.50	0.00	0.02	134.53

Subtotal 0.01 0.05 0.44 0.00 0.02 0.01 115.47 0.00 0.00 116.55
0.02 0.38 0.48 0.00 0.03 0.02 243.97 0.00 0.02 251.08

PM10	PM2.5
Paved Road - PM only	
0.19	0.05

Subtotal 0.11 0.03
0.31 0.08

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.03	0.01	0.07	0.00	0.00	0.00	1.47	0.00	0.00	1.76

Subtotal 0.03 0.02 0.07 0.00 0.00 0.00 1.47 0.00 0.00 1.76

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.00	0.02	0.02	0.00	0.00	0.00	3.35	0.00	0.00	3.51
0.00	0.02	0.02	0.00	0.00	0.00	3.35	0.00	0.00	3.51

Subtotal 0.00 0.02 0.02 0.00 0.00 0.00 3.35 0.00 0.00 3.51

PG&E Powerline Extension TOTAL 0.05 0.42 0.57 0.00 0.34 0.09 248.79 0.00 0.02 256.35

2021 Construction Mobile Source Assumptions Summary

Underground Shaft Contractors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.8101682,74046,032

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.8101682,74046,032

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

WorkersLDA, LDT1 & LDT2 Composite102,740

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)

Raise Bore Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.881344808,064

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.881344808,064

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

WorkersLDA, LDT1 & LDT2 Composite8480

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Running Exhaust, Tire Wear, and Break Wear

Subtotal0.010.050.440.000.020.01115.470.000.00116.550.010.050.440.000.020.01115.470.000.00116.55

PM10	PM2.5

Paved Road - PM only

Subtotal0.110.030.110.03

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap

Subtotal0.030.010.070.000.000.001.470.000.001.760.030.010.070.000.000.001.470.000.001.76

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Idling

Subtotal0.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.00

Underground Shaft ContractorsTOTAL0.040.050.510.000.130.03116.950.000.00118.31

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Running Exhaust, Tire Wear, and Break Wear

Subtotal0.010.040.350.000.010.0192.380.000.0093.240.010.040.350.000.010.0192.380.000.0093.24

PM10	PM2.5

Paved Road - PM only

Subtotal0.090.020.090.02

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap

Subtotal0.030.010.060.000.000.001.180.000.001.410.030.010.060.000.000.001.180.000.001.41

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e

Idling

Subtotal0.000.000.000.000.000.000.000.000.000.000.000.000.000.000.00

Raise Bore ContractorTOTAL0.030.040.410.000.100.0393.560.000.0094.65

2021 Construction Mobile Source Assumptions Summary

Underground Construction						
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	1,210	20,328
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	1,210	20,328
Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)			
Workers	LDA, LDT1 & LDT2 Composite	10	1,210			
Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)			

2021 Construction Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)										
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Running Exhaust, Tire Wear, and Break Wear									
Subtotal	0.01	0.05	0.44	0.00	0.02	0.01	115.47	0.00	0.00	116.55
	0.01	0.05	0.44	0.00	0.02	0.01	115.47	0.00	0.00	116.55
	PM10 PM2.5									
	Paved Road - PM only									
Subtotal					0.11	0.03				
					0.11	0.03				
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
Subtotal	0.03	0.01	0.07	0.00	0.00	0.00	1.47	0.00	0.00	1.76
	0.03	0.01	0.07	0.00	0.00	0.00	1.47	0.00	0.00	1.76
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	Idling									
Subtotal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Underground Construction TOTAL	0.04	0.05	0.51	0.00	0.13	0.03	116.95	0.00	0.00	118.31

Emissions - Daily (Pounds/Day)

		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
SUMMARY											
Project Management, Engineers, Surveyors		0.2401	0.6764	1.5450	0.0054	0.4616	0.1348	558.2274	0.0157	0.0487	573.1276
Foundation and Concrete Contractor		0.2628	0.8393	1.7730	0.0061	0.5408	0.1575	634.2442	0.0177	0.0550	651.0674
Grading & Paving Contractor		0.0786	0.6046	0.6509	0.0027	0.2840	0.0820	278.0545	0.0057	0.0261	285.9608
Building Contractor		0.2735	0.7189	1.9537	0.0063	0.5643	0.1624	651.7847	0.0191	0.0521	667.7778
Ironworkers (Headframes)		0.2735	0.7189	1.9537	0.0063	0.5643	0.1624	651.7847	0.0191	0.0521	667.7778
Electrical & Mechanical Contractors		0.2735	0.7189	1.9537	0.0063	0.5643	0.1624	651.7847	0.0191	0.0521	667.7778
Potable Water Installation Contractor		0.1262	0.9446	0.7923	0.0037	0.4231	0.1197	383.7471	0.0087	0.0433	396.8765
PG&E Powerline Extension		0.0526	0.4171	0.5669	0.0024	0.3366	0.0902	248.7914	0.0048	0.0249	256.3458
Underground Shaft Contractors		0.0418	0.0531	0.5109	0.0012	0.1284	0.0346	116.9466	0.0043	0.0042	118.3127
Raise Bore Contractor		0.0334	0.0425	0.4087	0.0009	0.1027	0.0277	93.5573	0.0034	0.0034	94.6501
Underground Construction		0.0418	0.0531	0.5109	0.0012	0.1284	0.0346	116.9466	0.0043	0.0042	118.3127
Jan-21		1.13	3.56	7.88	0.03	2.42	0.70	2774.10	0.08	0.23	2845.71
Feb-21		1.53	5.22	10.62	0.04	3.40	0.98	3809.63	0.11	0.33	3910.37
Mar-21		1.53	5.22	10.62	0.04	3.40	0.98	3809.63	0.11	0.33	3910.37
Apr-21		1.25	4.50	8.67	0.03	2.84	0.82	3157.84	0.09	0.28	3242.59
May-21		1.25	4.50	8.67	0.03	2.84	0.82	3157.84	0.09	0.28	3242.59
Jun-21		1.13	3.56	7.88	0.03	2.42	0.70	2774.10	0.08	0.23	2845.71
Jul-21		1.17	3.61	8.39	0.03	2.54	0.73	2891.04	0.08	0.24	2964.02
Aug-21		1.26	4.07	9.36	0.03	2.98	0.85	3233.39	0.09	0.27	3315.02
Sep-21		1.30	4.12	9.87	0.03	3.11	0.89	3350.34	0.09	0.27	3433.33
Oct-21		1.21	3.66	8.90	0.03	2.67	0.77	3007.99	0.09	0.24	3082.34
Nov-21		1.49	4.38	10.85	0.04	3.24	0.93	3659.77	0.10	0.29	3750.11
Dec-21		1.49	4.38	10.85	0.04	3.24	0.93	3659.77	0.10	0.29	3750.11
Maximum		1.53	5.22	10.85	0.04	3.40	0.98	3809.63	0.11	0.33	3910.37

2021 Construction Mobile Source Assumptions Summary

Project Management, Engineers, Surveyors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	12	202	3,744	62,899

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	12	202	3,744	62,899

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	12	3,744

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

Foundation and Concrete Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Concrete Trucks	MHDT (3-axle)	5	2	10	624	3,120
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	4,992	83,866

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Concrete Trucks	MHDT (3-axle)	5	2	10	624	3,120
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	4,992	83,866

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

Concrete Trucks	MHDT (3-axle)	2	624

Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	16	4,992

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Concrete Trucks	MHDT (3-axle)	10	3,120
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

(Tons/Year)						(Metric Tons/Year)					

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003

0.00	0.01	0.08	0.00	0.00	0.00	21.62	0.00	0.00	21.82	0.000
0.03	0.09	0.22	0.00	0.01	0.01	86.79	0.00	0.01	89.06	0.00

PM10		PM2.5	
Paved Road - PM only			
	0.04	0.01	

Subtotal					0.02	0.01					
0.06					0.06	0.02					

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00

Subtotal	0.01	0.00	0.01	0.00	0.00	0.00	0.25	0.00	0.00	0.30	0.00
0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.32	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Project Management, Engineers, Surveyors	TOTAL	0.04	0.11	0.24	0.00	0.07	0.02	87.06	0.00	0.01	89.38	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.00	0.01	0.00	0.00	0.00	0.00	3.91	0.00	0.00	4.09	0.000
0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003

0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003
0.00	0.01	0.11	0.00	0.00	0.00	28.82	0.00	0.00	29.00	0.000

0.03	0.11	0.25	0.00	0.01	0.01	97.91	0.00	0.01	100.42
PM10				PM2.5					
Paved Road - PM only									

Subtotal					0.03	0.01					
0.07					0.07	0.02					

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02

Subtotal	0.01	0.00	0.02	0.00	0.00	0.00	0.33	0.00	0.00	0.40	0.00
0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.42	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00
0.01	0.00	0.02	0.00	0.00	0.00	0.33	0.00	0.00	0.40	0.00

Subtotal	0.00	0.02	0.01	0.00	0.00	0.00	0.59	0.00	0.00	0.62	0.00

Foundation and Concrete Contractor	TOTAL	0.04	0.13	0.28	0.00	0.08	0.02	98.85	0.00	0.01	101.46	0.00

2021 Construction Mobile Source Assumptions Summary

Grading & Paving Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	5	2	10	624	3,120
Water Trucks	MHDT (3-axle)	10	2	20	624	6,240

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 3,744 62,899

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	5	2	10	624	3,120
Water Trucks	MHDT (3-axle)	10	2	20	624	6,240

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 3,744 62,899

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	2	624
Water Trucks	MHDT (3-axle)	2	624

Workers LDA, LDT1 & LDT2 Composite 12 3,744

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	3,120
Water Trucks	MHDT (3-axle)	10	3,120

Building Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440
Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Workers LDA, LDT1 & LDT2 Composite 20 6,240

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496
Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Workers LDA, LDT1 & LDT2 Composite 20 6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.00	0.01	0.00	0.00	0.00	0.00	5.01	0.00	0.00	5.25	0.000
0.01	0.07	0.02	0.00	0.00	0.00	16.75	0.00	0.00	17.54	0.001

Subtotal 0.00 0.01 0.08 0.00 0.00 0.00 21.62 0.00 0.00 21.82 0.000
0.01 0.09 0.10 0.00 0.01 0.00 43.38 0.00 0.00 44.61 0.00

PM10	PM2.5
Paved Road - PM only	
0.01	0.00
0.01	0.00

Subtotal 0.02 0.01
0.04 0.01

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Grading & Paving Contractor TOTAL 0.01 0.09 0.10 0.00 0.04 0.01 43.38 0.00 0.00 44.61 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003
0.00	0.01	0.14	0.00	0.01	0.00	36.03	0.00	0.00	36.36	0.000

Subtotal 0.03 0.09 0.27 0.00 0.01 0.01 101.21 0.00 0.01 103.60 0.00

PM10	PM2.5
Paved Road - PM only	
0.04	0.01

Subtotal 0.03 0.01
0.08 0.02

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00
0.01	0.00	0.02	0.00	0.00	0.00	0.42	0.00	0.00	0.50	0.00

Subtotal 0.01 0.00 0.02 0.00 0.00 0.00 0.43 0.00 0.00 0.52 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.01 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Building Contractor TOTAL 0.04 0.11 0.30 0.00 0.09 0.03 101.63 0.00 0.01 104.12 0.00

2021 Construction Mobile Source Assumptions Summary

Ironworkers (Headframes)

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

Electrical & Mechanical Contractors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	2,496	37,440

Workers	LDA, LDT1 & LDT2 Composite	16.8	20	336	6,240	104,832

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)
Pick-up Trucks	LHDT2	8	2,496

Workers	LDA, LDT1 & LDT2 Composite	20	6,240

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Pick-up Trucks	LHDT2	40	12,480

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										

	0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003

Subtotal	0.00	0.01	0.14	0.00	0.01	0.00	36.03	0.00	0.00	36.36	0.000
	0.03	0.09	0.27	0.00	0.01	0.01	101.21	0.00	0.01	103.60	0.00

PM10	PM2.5
Paved Road - PM only	

	0.04	0.01

Subtotal	0.03	0.01
	0.08	0.02

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										

	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00

Subtotal	0.01	0.00	0.02	0.00	0.00	0.00	0.42	0.00	0.00	0.50	0.00
	0.01	0.00	0.02	0.00	0.00	0.00	0.43	0.00	0.00	0.52	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										

	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Ironworkers (Headframes) TOTAL	0.04	0.11	0.30	0.00	0.09	0.03	101.63	0.00	0.01	104.12	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										

	0.03	0.08	0.13	0.00	0.01	0.00	65.18	0.00	0.01	67.24	0.003

Subtotal	0.00	0.01	0.14	0.00	0.01	0.00	36.03	0.00	0.00	36.36	0.000
	0.03	0.09	0.27	0.00	0.01	0.01	101.21	0.00	0.01	103.60	0.00

PM10	PM2.5
Paved Road - PM only	

	0.04	0.01

Subtotal	0.03	0.01
	0.08	0.02

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										

	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00

Subtotal	0.01	0.00	0.02	0.00	0.00	0.00	0.42	0.00	0.00	0.50	0.00
	0.01	0.00	0.02	0.00	0.00	0.00	0.43	0.00	0.00	0.52	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										

	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Electrical & Mechanical Contractors TOTAL	0.04	0.11	0.30	0.00	0.09	0.03	101.63	0.00	0.01	104.12	0.00

2021 Construction Mobile Source Assumptions Summary

Potable Water Installation Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	4,080	81,600
Water Trucks	MHDT (3-axle)	10	2	20	2,040	20,400

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 1,224 20,563

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	4,080	81,600
Water Trucks	MHDT (3-axle)	10	2	20	2,040	20,400

Workers LDA, LDT1 & LDT2 Composite 16.8 12 202 1,224 20,563

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

Haul Trucks HHDT 2 4,080

Water Trucks MHDT (3-axle) 2 2,040

Workers LDA, LDT1 & LDT2 Composite 12 1,224

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	20,400
Water Trucks	MHDT (3-axle)	10	10,200

PG&E Powerline Extension

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	156	3,120

Workers LDA, LDT1 & LDT2 Composite 16.8 10 168 780 13,104

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	20	2	40	156	3,120

Workers LDA, LDT1 & LDT2 Composite 16.8 10 168 780 13,104

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

Haul Trucks HHDT 2 156

Workers LDA, LDT1 & LDT2 Composite 10 780

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	10	780

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.01	0.34	0.04	0.00	0.01	0.01	131.07	0.00	0.02	137.22	0.005
0.03	0.24	0.06	0.00	0.01	0.01	54.76	0.00	0.01	57.36	0.005

Subtotal 0.00 0.00 0.03 0.00 0.00 0.00 7.07 0.00 0.00 7.13 0.000

0.04 0.58 0.12 0.00 0.02 0.01 192.89 0.00 0.03 201.71 0.01

PM10	PM2.5
Paved Road - PM only	
0.20	0.05
0.02	0.01

Subtotal 0.01 0.00

0.23 0.06

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.00 0.00 0.10 0.00

0.00 0.01 0.00 0.00 0.00 0.00 0.08 0.00 0.00 0.10 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.02	0.02	0.00	0.00	0.00	3.10	0.00	0.00	3.24	0.00
0.00	0.02	0.00	0.00	0.00	0.00	1.94	0.00	0.00	2.04	0.00

Subtotal 0.00 0.04 0.02 0.00 0.00 0.00 5.04 0.00 0.00 5.28 0.00

Potable Water Installation Contractor TOTAL 0.05 0.64 0.15 0.00 0.25 0.07 198.01 0.00 0.03 207.09 0.01

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Running Exhaust, Tire Wear, and Break Wear										
0.00	0.01	0.00	0.00	0.00	0.00	5.01	0.00	0.00	5.25	0.000

Subtotal 0.00 0.00 0.02 0.00 0.00 0.00 4.50 0.00 0.00 4.55 0.000

0.00 0.01 0.02 0.00 0.00 0.00 9.51 0.00 0.00 9.79 0.00

PM10	PM2.5
Paved Road - PM only	
0.01	0.00

Subtotal 0.00 0.00

0.01 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.05 0.00 0.00 0.06 0.00

0.00 0.00 0.00 0.00 0.00 0.00 0.05 0.00 0.00 0.06 0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.12	0.00

Subtotal 0.00 0.00 0.00 0.00 0.00 0.00 0.12 0.00 0.00 0.12 0.00

PG&E Powerline Extension TOTAL 0.00 0.02 0.02 0.00 0.01 0.00 9.69 0.00 0.00 9.98 0.00

2021 Construction Mobile Source Assumptions Summary

Underground Shaft Contractors

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.8101682,74046,032

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.8101682,74046,032

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

WorkersLDA, LDT1 & LDT2 Composite102,740

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)

Raise Bore Contractor

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.881344808,064

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)

WorkersLDA, LDT1 & LDT2 Composite16.881344808,064

Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)

WorkersLDA, LDT1 & LDT2 Composite8480

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Running Exhaust, Tire Wear, and Break Wear										

Subtotal0.000.010.060.000.000.0015.820.000.0015.970.000.000.010.060.000.000.0015.820.000.0015.970.00

PM10	PM2.5
Paved Road - PM only	

Subtotal0.020.000.020.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										

Subtotal0.000.000.010.000.000.000.000.180.000.000.220.000.000.000.010.000.000.180.000.000.220.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Idling										

Subtotal0.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.00

Underground Shaft ContractorsTOTAL0.010.010.070.000.020.0016.000.000.0016.190.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Running Exhaust, Tire Wear, and Break Wear										

Subtotal0.000.000.010.000.000.002.770.000.002.800.000.000.000.010.000.002.770.000.002.800.00

PM10	PM2.5
Paved Road - PM only	

Subtotal0.000.000.000.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										

Subtotal0.000.000.000.000.000.000.000.030.000.000.040.000.000.000.000.000.000.030.000.000.040.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM

Idling										

Subtotal0.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.000.00

Raise Bore ContractorTOTAL0.000.000.010.000.000.002.800.000.002.840.00

2021 Construction Mobile Source Assumptions Summary

Underground Construction						
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	1,210	20,328
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Workers	LDA, LDT1 & LDT2 Composite	16.8	10	168	1,210	20,328
Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)			
Workers	LDA, LDT1 & LDT2 Composite	10	1,210			
Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)			

2021 Construction Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual											
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Running Exhaust, Tire Wear, and Break Wear											
0.00	0.00	0.03	0.00	0.00	0.00	6.99	0.00	0.00	7.05	0.000	
0.00	0.00	0.03	0.00	0.00	0.00	6.99	0.00	0.00	7.05	0.00	
Paved Road - PM only											
PM10 PM2.5											
0.01 0.00											
0.01 0.00											
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap											
0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.10	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.10	0.00	
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Idling											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.03	0.00	0.01	0.00	7.07	0.00	0.00	7.15	0.00	
Emissions - Annual (Tons/Year)											
ROG	NOx	CO	SOx	PM10	PM2.5	(Metric Tons/Year)				DPM	
						CO2	CH4	N2O	CO2e		
0.0374	0.1055	0.2410	0.0008	0.0720	0.0210	87.0566	0.0024	0.0076	89.3753	0.0030	
0.0410	0.1309	0.2766	0.0010	0.0844	0.0246	98.8458	0.0027	0.0085	101.4600	0.0033	
0.0123	0.0943	0.1015	0.0004	0.0443	0.0128	43.3765	0.0009	0.0041	44.6099	0.0016	
0.0427	0.1121	0.3048	0.0010	0.0880	0.0253	101.6344	0.0029	0.0081	104.1203	0.0030	
0.0427	0.1121	0.3048	0.0010	0.0880	0.0253	101.6344	0.0029	0.0081	104.1203	0.0030	
0.0427	0.1121	0.3048	0.0010	0.0880	0.0253	101.6344	0.0029	0.0081	104.1203	0.0030	
0.0468	0.6381	0.1512	0.0019	0.2512	0.0703	198.0134	0.0023	0.0303	207.0870	0.0097	
0.0021	0.0163	0.0221	0.0001	0.0131	0.0035	9.6854	0.0002	0.0010	9.9784	0.0002	
0.0057	0.0073	0.0700	0.0002	0.0176	0.0047	16.0029	0.0006	0.0006	16.1864	0.0000	
0.0010	0.0013	0.0123	0.0000	0.0031	0.0008	2.8034	0.0001	0.0001	2.8356	0.0000	
0.0025	0.0032	0.0309	0.0001	0.0078	0.0021	7.0670	0.0002	0.0003	7.1480	0.0000	
0.2769	1.3333	1.8200	0.0074	0.7576	0.2159	767.7543	0.0181	0.0766	791.0415	0.0268	

Year 2022 - On-Road Vehicles

2022 Operation Mobile Source Emissions Factors - EMFAC2017

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
													Running Exhaust
Haul Trucks	HHDT	Diesel	Aggregate	0.061	3.332	0.308	0.002	0.132	0.069	1,418.844	0.003	0.223	0.035
Freight Trucks	HHDT	Diesel	Aggregate	0.061	3.332	0.308	0.002	0.132	0.069	1,418.844	0.003	0.223	0.035
Concentrate Trucks	HHDT	Diesel	Aggregate	0.061	3.332	0.308	0.002	0.132	0.069	1,418.844	0.003	0.223	0.035
Explosives Trucks	HHDT	Diesel	Aggregate	0.061	3.332	0.308	0.002	0.132	0.069	1,418.844	0.003	0.223	0.035
Fuel Trucks	MHDT	Diesel	Aggregate	0.119	3.100	0.368	0.010	0.188	0.103	1,104.465	0.006	0.174	0.046
Cement Trucks	MHDT	Diesel	Aggregate	0.119	3.100	0.368	0.010	0.188	0.103	1,104.465	0.006	0.174	0.046
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	Aggregate	0.062	0.586	1.548	0.004	0.058	0.027	422.477	0.009	0.022	0.004
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.023	0.106	0.000	0.003	0.047	0.020	301.933	0.005	0.008	0.000

Project Vehicle	Vehicle Classes	PM10 PM2.5	
		Paved Road - PM Only (grams/mile)	
Haul Trucks	HHDT	2.209	0.542
Freight Trucks	HHDT	2.209	0.542
Concentrate Trucks	HHDT	2.209	0.542
Explosives Trucks	HHDT	2.209	0.542
Fuel Trucks	MHDT	1.024	0.251
Cement Trucks	MHDT	1.024	0.251
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	0.990	0.243
Employees	LDA, LDT1 & LDT2 Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
Haul Trucks	HHDT	Diesel	0.000	2.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Freight Trucks	HHDT	Diesel	0.000	2.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Concentrate Trucks	HHDT	Diesel	0.000	2.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Explosives Trucks	HHDT	Diesel	0.000	2.270	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Trucks	MHDT	Diesel	0.000	1.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cement Trucks	MHDT	Diesel	0.000	1.578	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	1.723	0.377	2.588	0.000	0.002	0.001	49.876	0.075	0.032	0.000
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	1.365	0.332	3.098	0.001	0.002	0.000	64.827	0.089	0.034	0.000

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
Haul Trucks	HHDT	Diesel	0.062	0.802	0.866	0.000	0.000	0.000	154.166	0.003	0.024	0.000
Freight Trucks	HHDT	Diesel	0.062	0.802	0.866	0.000	0.000	0.000	154.166	0.003	0.024	0.000
Concentrate Trucks	HHDT	Diesel	0.062	0.802	0.866	0.000	0.000	0.000	154.166	0.003	0.024	0.000
Explosives Trucks	HHDT	Diesel	0.062	0.802	0.866	0.000	0.000	0.000	154.166	0.003	0.024	0.000
Fuel Trucks	MHDT	Diesel	0.023	1.805	0.437	0.002	0.004	0.004	186.403	0.001	0.029	0.004
Cement Trucks	MHDT	Diesel	0.023	1.805	0.437	0.002	0.004	0.004	186.403	0.001	0.029	0.004
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	0.024	0.157	0.199	0.000	0.002	0.002	14.629	0.005	0.002	0.002

2022 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	1.8	200	360	36,500	65,700
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Trucks	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	1.8	200	360	36,500	65,700
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Trucks	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	200	36,500
Freight Trucks	HHDT	6	312
Concentrate Trucks	HHDT	10	728
Explosives Trucks	HHDT	2	104
Fuel Trucks	MHDT	6	108
Cement Trucks	MHDT	4	936
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	8	2,184
Employees	LDA, LDT1 & LDT2 Composite	356	120,788

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Trucks	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

2022 Operation Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.05	2.64	0.24	0.00	0.10	0.05	1,126.09	0.00	0.18	1,178.89
0.05	2.64	0.24	0.00	0.10	0.05	1,126.09	0.00	0.18	1,178.89
0.20	10.65	0.99	0.01	0.42	0.22	4,535.63	0.01	0.71	4,748.31
0.02	0.88	0.08	0.00	0.03	0.02	375.36	0.00	0.06	392.96
0.01	0.14	0.02	0.00	0.01	0.00	51.13	0.00	0.01	53.54
0.06	1.64	0.19	0.01	0.10	0.05	584.38	0.00	0.09	611.83
0.01	0.05	0.14	0.00	0.01	0.00	37.26	0.00	0.00	37.84
0.26	1.22	0.00	0.03	0.54	0.23	3,483.47	0.06	0.10	3,513.74
Subtotal	0.64	19.88	1.90	0.05	1.32	11,319.40	0.08	1.32	11,715.99

PM10	PM2.5
Paved Road - PM only	
1.75	0.43
1.75	0.43
7.06	1.73
0.58	0.14
0.05	0.01
0.54	0.13
0.09	0.02
3.46	0.85
Subtotal	15.29

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.03	0.01	0.05	0.00	0.00	0.00	0.88	0.00	0.00	1.08
1.07	0.26	2.43	0.00	0.00	0.00	50.88	0.07	0.03	60.59
Subtotal	1.10	1.39	2.48	0.00	0.00	51.76	0.07	0.03	61.66

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.14	1.77	1.91	0.00	0.00	0.00	339.88	0.01	0.05	355.96
0.00	0.05	0.06	0.00	0.00	0.00	10.20	0.00	0.00	10.68
0.01	0.09	0.10	0.00	0.00	0.00	16.99	0.00	0.00	17.80
0.00	0.02	0.02	0.00	0.00	0.00	3.40	0.00	0.00	3.56
0.00	0.12	0.03	0.00	0.00	0.00	12.33	0.00	0.00	12.91
0.00	0.08	0.02	0.00	0.00	0.00	8.22	0.00	0.00	8.61
0.00	0.01	0.02	0.00	0.00	0.00	1.29	0.00	0.00	1.34
Subtotal	0.15	2.14	2.15	0.00	0.00	392.30	0.01	0.06	410.85
TOTAL	1.90	23.41	6.53	0.05	16.61	4.39	11,763.47	0.16	1.41

12,188.51

2022 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	1.8	200	360	36,500	65,700
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Trucks	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	1.8	200	360	36,500	65,700
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
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Project Vehicle	EMFAC Class	Max Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	200	36,500
Freight Trucks	HHDT	6	312
Concentrate Trucks	HHDT	10	728
Explosives Trucks	HHDT	2	104
Fuel Trucks	MHDT	6	108
Cement Trucks	MHDT	4	936
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	8	2,184
Employees	LDA, LDT1 & LDT2 Composite	356	120,788

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Trucks	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

2022 Operation Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual										
(Tons/Year)						(Metric Tons/Year)				
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Running Exhaust, Tire Wear, and Break Wear										
0.00	0.24	0.02	0.00	0.01	0.00	93.22	0.00	0.01	97.59	
0.00	0.07	0.01	0.00	0.00	0.00	26.56	0.00	0.00	27.81	
0.01	0.39	0.04	0.00	0.02	0.01	149.77	0.00	0.02	156.80	
0.00	0.02	0.00	0.00	0.00	0.00	8.85	0.00	0.00	9.27	
0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.44	
0.01	0.19	0.02	0.00	0.01	0.01	620.27	0.00	0.10	649.40	
0.00	0.01	0.02	0.00	0.00	0.00	4.61	0.00	0.00	4.69	
0.04	0.21	0.00	0.01	0.09	0.04	536.11	0.01	0.01	540.76	
0.07	1.13	0.11	0.01	0.13	0.06	1,439.81	0.01	0.16	1,486.75	

	PM10	PM2.5
Paved Road - PM only		
	0.16	0.04
	0.05	0.01
	0.26	0.06
	0.02	0.00
	0.00	0.00
	0.06	0.02
	0.01	0.00
	0.59	0.14
	1.14	0.28

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.01	0.00	0.00	0.00	0.11	0.00	0.00	0.13
	0.18	0.04	0.41	0.00	0.00	0.00	7.83	0.01	0.00	9.32
Subtotal	0.19	0.14	0.42	0.00	0.00	0.00	7.94	0.01	0.00	9.46

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
	0.01	0.16	0.17	0.00	0.00	0.00	28.14	0.00	0.00	29.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.11
	0.00	0.01	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.17
Subtotal	0.01	0.18	0.18	0.00	0.00	0.00	30.15	0.00	0.00	31.58
TOTAL	0.26	1.45	0.71	0.01	1.27	0.34	1,477.90	0.02	0.17	1,527.78

Year 2027 - On-Road Vehicles

2027 Operation Mobile Source Emissions Factors - EMFAC2017

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)									Running Exhaust
Haul Trucks	HHDT	Diesel	20	0.048	5.902	0.491	0.017	0.110	0.048	1,754.766	0.002	0.276	0.014
Freight Trucks	HHDT	Diesel	Aggregate	0.026	2.563	0.229	0.012	0.124	0.061	1,243.121	0.001	0.195	0.027
Concentrate Trucks	HHDT	Diesel	Aggregate	0.026	2.563	0.229	0.012	0.124	0.061	1,243.121	0.001	0.195	0.027
Explosives Trucks	HHDT	Diesel	Aggregate	0.026	2.563	0.229	0.012	0.124	0.061	1,243.121	0.001	0.195	0.027
Fuel Trucks	MHDT	Diesel	Aggregate	0.021	2.185	0.149	0.009	0.154	0.070	1,003.389	0.001	0.158	0.012
Cement Trucks	MHDT	Diesel	Aggregate	0.021	2.185	0.149	0.009	0.154	0.070	1,003.389	0.001	0.158	0.012
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	Aggregate	0.039	0.350	1.040	0.004	0.055	0.024	367.390	0.006	0.015	0.003
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.011	0.056	0.000	0.003	0.046	0.019	255.315	0.003	0.005	0.000

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Haul Trucks	HHDT	2.209	0.542
Freight Trucks	HHDT	2.209	0.542
Concentrate Trucks	HHDT	2.209	0.542
Explosives Trucks	HHDT	2.209	0.542
Fuel Trucks	MHDT	1.024	0.251
Cement Trucks	MHDT	1.024	0.251
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	0.990	0.243
Employees	LDA, LDT1 & LDT2 Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap (grams/trip)									
Haul Trucks	HHDT	Diesel	0.000	2.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Freight Trucks	HHDT	Diesel	0.000	2.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Concentrate Trucks	HHDT	Diesel	0.000	2.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Explosives Trucks	HHDT	Diesel	0.000	2.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Trucks	MHDT	Diesel	0.000	2.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cement Trucks	MHDT	Diesel	0.000	2.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	1.584	0.302	2.346	0.000	0.001	0.001	46.623	0.058	0.028	0.000
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	1.005	0.232	2.541	0.001	0.002	0.000	55.033	0.060	0.027	0.000

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Idling (grams/Idle-min/vehicle)									
Haul Trucks	HHDT	Diesel	0.063	0.766	0.930	0.001	0.000	0.000	142.790	0.003	0.022	0.000
Freight Trucks	HHDT	Diesel	0.063	0.766	0.930	0.001	0.000	0.000	142.790	0.003	0.022	0.000
Concentrate Trucks	HHDT	Diesel	0.063	0.766	0.930	0.001	0.000	0.000	142.790	0.003	0.022	0.000
Explosives Trucks	HHDT	Diesel	0.063	0.766	0.930	0.001	0.000	0.000	142.790	0.003	0.022	0.000
Fuel Trucks	MHDT	Diesel	0.015	1.200	0.453	0.002	0.001	0.001	159.986	0.001	0.025	0.001
Cement Trucks	MHDT	Diesel	0.015	1.200	0.453	0.002	0.001	0.001	159.986	0.001	0.025	0.001
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	0.020	0.117	0.175	0.000	0.001	0.001	12.004	0.004	0.001	0.001

2027 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT (20 mph)	0.25	200	50	36,500	9,125
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Delivery	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Subtotal

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	0.25	200	50	36,500	9,125
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
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Subtotal

Project Vehicle	EMFAC Class	Max. Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	200	36,500
Freight Trucks	HHDT	6	312
Concentrate Trucks	HHDT	10	728
Explosives Trucks	HHDT	2	104
Fuel Trucks	MHDT	6	108
Cement Delivery	MHDT	4	936
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	8	2,184
Employees	LDA, LDT1 & LDT2 Composite	356	120,788

Subtotal

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Delivery	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

Subtotal

TOTAL1.2316.935.540.0914.943.919,444.050.091.109,772.87

2027 Operation Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.01	0.65	0.05	0.00	0.01	0.01	193.43	0.00	0.03	202.50
0.02	2.03	0.18	0.01	0.10	0.05	986.62	0.00	0.16	1,032.86
0.08	8.19	0.73	0.04	0.39	0.19	3,973.89	0.00	0.62	4,160.13
0.01	0.68	0.06	0.00	0.03	0.02	328.87	0.00	0.05	344.29
0.00	0.10	0.01	0.00	0.01	0.00	46.45	0.00	0.01	48.63
0.01	1.16	0.08	0.01	0.08	0.04	530.90	0.00	0.08	555.78
0.00	0.03	0.09	0.00	0.00	0.00	32.40	0.00	0.00	32.81
0.13	0.65	0.00	0.03	0.53	0.22	2,945.63	0.03	0.06	2,965.20
0.26	13.49	1.21	0.09	1.16	0.53	9,038.21	0.04	1.02	9,342.20

PM10	PM2.5
Paved Road - PM only	
0.24	0.06
1.75	0.43
7.06	1.73
0.58	0.14
0.05	0.01
0.54	0.13
0.09	0.02
3.46	0.85
13.78	3.38

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.03	0.01	0.04	0.00	0.00	0.00	0.82	0.00	0.00	0.99
0.79	0.18	1.99	0.00	0.00	0.00	43.19	0.05	0.02	50.73
0.82	1.45	2.04	0.00	0.00	0.00	44.01	0.05	0.02	51.73

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.14	1.69	2.05	0.00	0.00	0.00	314.80	0.01	0.05	329.71
0.00	0.05	0.06	0.00	0.00	0.00	9.44	0.00	0.00	9.89
0.01	0.08	0.10	0.00	0.00	0.00	15.74	0.00	0.00	16.49
0.00	0.02	0.02	0.00	0.00	0.00	3.15	0.00	0.00	3.30
0.00	0.08	0.03	0.00	0.00	0.00	10.58	0.00	0.00	11.08
0.00	0.05	0.02	0.00	0.00	0.00	7.05	0.00	0.00	7.39
0.00	0.01	0.02	0.00	0.00	0.00	1.06	0.00	0.00	1.10
0.16	1.98	2.30	0.00	0.00	0.00	361.82	0.01	0.06	378.94

2027 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT (20 mph)	0.25	200	50	36,500	9,125
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Delivery	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	0.25	200	50	36,500	9,125
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Delivery	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Project Vehicle	EMFAC Class	Max. Daily Trips (trips/day)	Annual Trips (trips/year)
Haul Trucks	HHDT	200	36,500
Freight Trucks	HHDT	6	312
Concentrate Trucks	HHDT	10	728
Explosives Trucks	HHDT	2	104
Fuel Trucks	MHDT	6	108
Cement Delivery	MHDT	4	936
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	8	2,184
Employees	LDA, LDT1 & LDT2 Composite	356	120,788

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Delivery	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

2027 Operation Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual										
(Tons/Year)						(Metric Tons/Year)				
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Running Exhaust, Tire Wear, and Break Wear										
	0.00	0.06	0.00	0.00	0.00	0.00	16.01	0.00	0.00	16.76
	0.00	0.05	0.00	0.00	0.00	0.00	23.27	0.00	0.00	24.36
	0.00	0.30	0.03	0.00	0.01	0.01	131.22	0.00	0.02	137.37
	0.00	0.02	0.00	0.00	0.00	0.00	7.76	0.00	0.00	8.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.40
	0.00	0.14	0.01	0.00	0.01	0.00	563.50	0.00	0.09	589.91
	0.00	0.00	0.01	0.00	0.00	0.00	4.01	0.00	0.00	4.06
	0.02	0.11	0.00	0.00	0.09	0.04	453.33	0.00	0.01	456.34
	0.03	0.68	0.06	0.01	0.12	0.05	1,199.49	0.01	0.13	1,237.34

	PM10	PM2.5
Paved Road - PM only		
	0.02	0.01
	0.05	0.01
	0.26	0.06
	0.02	0.00
	0.00	0.00
	0.06	0.02
	0.01	0.00
	0.59	0.14
	1.00	0.25

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.01	0.00	0.00	0.00	0.10	0.00	0.00	0.00
	0.13	0.03	0.34	0.00	0.00	0.00	6.65	0.01	0.00	7.81
Subtotal	0.14	0.14	0.34	0.00	0.00	0.00	6.75	0.01	0.00	7.93

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Idling										
	0.01	0.15	0.19	0.00	0.00	0.00	26.06	0.00	0.00	27.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.09
	0.00	0.01	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.14
Subtotal	0.01	0.17	0.20	0.00	0.00	0.00	27.84	0.00	0.00	29.16
TOTAL	0.18	0.98	0.60	0.01	1.12	0.30	1,234.08	0.01	0.13	1,274.43

Year 2033 - On-Road Vehicles

2033 Operation Mobile Source Emissions Factors - EMFAC2017

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)									Running Exhaust
Haul Trucks	HHDT	Diesel	Aggregate	0.023	2.333	0.219	0.010	0.121	0.059	1,093.464	0.001	0.172	0.025
Freight Trucks	HHDT	Diesel	Aggregate	0.023	2.333	0.219	0.010	0.121	0.059	1,093.464	0.001	0.172	0.025
Concentrate Trucks	HHDT	Diesel	Aggregate	0.023	2.333	0.219	0.010	0.121	0.059	1,093.464	0.001	0.172	0.025
Explosives Trucks	HHDT	Diesel	Aggregate	0.023	2.333	0.219	0.010	0.121	0.059	1,093.464	0.001	0.172	0.025
Fuel Trucks	MHDT	Diesel	Aggregate	0.015	1.966	0.141	0.009	0.152	0.068	924.385	0.001	0.145	0.010
Cement Trucks	MHDT	Diesel	Aggregate	0.015	1.966	0.141	0.009	0.152	0.068	924.385	0.001	0.145	0.010
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	Aggregate	0.021	0.173	0.672	0.003	0.053	0.022	313.698	0.003	0.010	0.002
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.005	0.031	0.000	0.002	0.046	0.019	219.848	0.001	0.004	0.000

Project Vehicle	Vehicle Classes	PM10	PM2.5
		Paved Road - PM Only (grams/mile)	
Haul Trucks	HHDT	2.209	0.542
Freight Trucks	HHDT	2.209	0.542
Concentrate Trucks	HHDT	2.209	0.542
Explosives Trucks	HHDT	2.209	0.542
Fuel Trucks	MHDT	1.024	0.251
Cement Trucks	MHDT	1.024	0.251
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	0.990	0.243
Employees	LDA, LDT1 & LDT2 Composite	0.300	0.074

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap (grams/trip)									
Haul Trucks	HHDT	Diesel	0.000	2.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Freight Trucks	HHDT	Diesel	0.000	2.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Concentrate Trucks	HHDT	Diesel	0.000	2.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Explosives Trucks	HHDT	Diesel	0.000	2.612	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Trucks	MHDT	Diesel	0.000	2.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cement Trucks	MHDT	Diesel	0.000	2.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	1.197	0.232	2.113	0.000	0.001	0.001	42.509	0.042	0.024	0.000
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	0.691	0.169	2.122	0.000	0.001	0.000	46.878	0.040	0.023	0.000

Project Vehicle	Vehicle Classes	Fuel	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
			Idling (grams/Idle-min/vehicle)									
Haul Trucks	HHDT	Diesel	0.063	0.757	0.932	0.001	0.000	0.000	128.117	0.003	0.020	0.000
Freight Trucks	HHDT	Diesel	0.063	0.757	0.932	0.001	0.000	0.000	128.117	0.003	0.020	0.000
Concentrate Trucks	HHDT	Diesel	0.063	0.757	0.932	0.001	0.000	0.000	128.117	0.003	0.020	0.000
Explosives Trucks	HHDT	Diesel	0.063	0.757	0.932	0.001	0.000	0.000	128.117	0.003	0.020	0.000
Fuel Trucks	MHDT	Diesel	0.012	0.892	0.456	0.001	0.000	0.000	136.320	0.001	0.021	0.000
Cement Trucks	MHDT	Diesel	0.012	0.892	0.456	0.001	0.000	0.000	136.320	0.001	0.021	0.000
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	Gas, Diesel (Aggregate)	0.016	0.077	0.153	0.000	0.001	0.001	9.357	0.003	0.001	0.001

2033 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	15.5	200	3,100	36,500	565,750
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Delivery	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

Subtotal

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
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Subtotal

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Haul Trucks	HHDT	200	36,500
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Concentrate Trucks	HHDT	10	728
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Fuel Trucks	MHDT	6	108
Cement Delivery	MHDT	4	936
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	8	2,184
Employees	LDA, LDT1 & LDT2 Composite	356	120,788

Subtotal

Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Delivery	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

Subtotal

TOTAL1.0430.746.580.1530.597.9315,582.970.072.1116,212.28

2033 Operation Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Running Exhaust, Tire Wear, and Break Wear									
0.16	15.94	1.50	0.07	0.83	0.40	7,473.10	0.01	1.17	7,823.33
0.02	1.85	0.17	0.01	0.10	0.05	867.84	0.00	0.14	908.52
0.07	7.46	0.70	0.03	0.39	0.19	3,495.48	0.00	0.55	3,659.30
0.01	0.62	0.06	0.00	0.03	0.02	289.28	0.00	0.05	302.84
0.00	0.09	0.01	0.00	0.01	0.00	42.80	0.00	0.01	44.80
0.01	1.04	0.07	0.00	0.08	0.04	489.10	0.00	0.08	512.02
0.00	0.02	0.06	0.00	0.00	0.00	27.66	0.00	0.00	27.94
0.06	0.36	0.00	0.03	0.53	0.21	2,536.44	0.02	0.05	2,550.69
0.33	27.38	2.57	0.14	1.96	0.91	15,221.70	0.03	2.04	15,829.44

PM10	PM2.5
Paved Road - PM only	
15.10	3.71
1.75	0.43
7.06	1.73
0.58	0.14
0.05	0.01
0.54	0.13
0.09	0.02
3.46	0.85
28.63	7.03

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap									
0.00	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.02	0.00	0.04	0.00	0.00	0.00	0.75	0.00	0.00	0.90
0.54	0.13	1.67	0.00	0.00	0.00	36.79	0.03	0.02	42.88
0.56	1.44	1.70	0.00	0.00	0.00	37.54	0.03	0.02	43.78

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.14	1.67	2.06	0.00	0.00	0.00	282.45	0.01	0.04	295.84
0.00	0.05	0.06	0.00	0.00	0.00	8.47	0.00	0.00	8.88
0.01	0.08	0.10	0.00	0.00	0.00	14.12	0.00	0.00	14.79
0.00	0.02	0.02	0.00	0.00	0.00	2.82	0.00	0.00	2.96
0.00	0.06	0.03	0.00	0.00	0.00	9.02	0.00	0.00	9.44
0.00	0.04	0.02	0.00	0.00	0.00	6.01	0.00	0.00	6.29
0.00	0.01	0.01	0.00	0.00	0.00	0.83	0.00	0.00	0.86
0.15	1.92	2.30	0.00	0.00	0.00	323.72	0.01	0.05	339.06

2033 Operation Mobile Source Assumptions Summary

Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Max Daily Trips (trips/day)	Max Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Haul Trucks	HHDT	15.5	200	3,100	36,500	565,750
Freight Trucks	HHDT	60	6	360	312	18,720
Concentrate Trucks	HHDT	145	10	1,450	728	105,560
Explosives Trucks	HHDT	60	2	120	104	6,240
Fuel Trucks	MHDT	3.5	6	21	108	378
Cement Delivery	MHDT	60	4	240	936	56,160
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	5	8	40	2,184	10,920
Employees	LDA, LDT1 & LDT2 Composite	14.7	356	5,233	120,788	1,775,584

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Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Minutes per Year (min/year)
Haul Trucks	HHDT	1,000	182,500
Freight Trucks	HHDT	30	1,560
Concentrate Trucks	HHDT	50	3,640
Explosives Trucks	HHDT	10	520
Fuel Trucks	MHDT	30	540
Cement Delivery	MHDT	20	4,680
Outside Services (light vehicles)	LDT1, LDT2, LHDT1, & LHDT2 Composite	40	10,920

2033 Operation Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual										
(Tons/Year)						(Metric Tons/Year)				
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Running Exhaust, Tire Wear, and Break Wear										
0.01	1.45	0.14	0.01	0.08	0.04	618.63	0.00	0.10	647.62	
0.00	0.05	0.00	0.00	0.00	0.00	20.47	0.00	0.00	21.43	
0.00	0.27	0.03	0.00	0.01	0.01	115.43	0.00	0.02	120.84	
0.00	0.02	0.00	0.00	0.00	0.00	6.82	0.00	0.00	7.14	
0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.37	
0.00	0.12	0.01	0.00	0.01	0.00	519.13	0.00	0.08	543.46	
0.00	0.00	0.01	0.00	0.00	0.00	3.43	0.00	0.00	3.46	
0.01	0.06	0.00	0.00	0.09	0.04	390.36	0.00	0.01	392.55	
0.03	1.98	0.19	0.01	0.19	0.09	1,674.61	0.00	0.21	1,736.87	

PM10	PM2.5
Paved Road - PM only	
1.38	0.34
0.05	0.01
0.26	0.06
0.02	0.00
0.00	0.00
0.06	0.02
0.01	0.00
0.59	0.14
2.36	0.58

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.00	0.00	0.11	0.00
0.09	0.02	0.28	0.00	0.00	0.00	5.66	0.00	0.00	6.60	0.00
Subtotal	0.09	0.13	0.29	0.00	0.00	5.76	0.00	0.00	6.71	0.00

ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Idling									
0.01	0.15	0.19	0.00	0.00	0.00	23.38	0.00	0.00	24.49
0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.21
0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.00	0.00	0.49
0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.07
0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.08
0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.67
0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.11
0.01	0.16	0.20	0.00	0.00	0.00	24.93	0.00	0.00	26.11
0.14	2.27	0.67	0.01	2.55	0.66	1,705.30	0.01	0.22	1,769.69

Reclamation - On-Road Vehicles

Reclamation Mobile Source Emissions Factors - EMFAC2017 - (Based on 2033 Emission Rates)

Emission Factors: Summary

Project Vehicle	Vehicle Classes	Fuel	Speed	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Running Exhaust, Tire Wear, and Break Wear (grams/mile)									Running Exhaust
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)	5 mph	0.569	0.979	2.815	0.014	0.044	0.042	1,421.361	0.029	0.133	0.012
Workers	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)	Aggregate	0.005	0.031	0.000	0.002	0.046	0.019	219.848	0.001	0.004	0.000
Project Vehicle	Vehicle Classes			PM10		PM2.5							
				Paved Road - PM Only (grams/mile)									
Pick-up Trucks	LHDT2			0.990		0.243							
Workers	LDA, LDT1 & LDT2 Composite			0.300		0.074							
Project Vehicle	Vehicle Classes	Fuel		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap (grams/trip)									
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)		0.175	0.096	0.355	0.000	0.000	0.000	4.490	0.004	0.008	0.000
Employees	LDA, LDT1 & LDT2 Composite	Gas, Electric, & Diesel (Aggregate)		0.691	0.169	2.122	0.000	0.001	0.000	46.878	0.040	0.023	0.000
Project Vehicle	Vehicle Classes	Fuel		ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	DPM
				Idling (grams/Idle-min/vehicle)									
Pick-up Trucks	LHDT2	Gas, Diesel (Aggregate)		0.085	0.825	0.791	0.001	0.012	0.011	102.211	0.013	0.014	0.012

2103 Reclamation Mobile Source Assumptions Summary

Reclamation						
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	608	9,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	1,216	20,429
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	608	9,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	1,216	20,429
Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)			
Pick-up Trucks	LHDT2	8	608			
Workers	LDA, LDT1 & LDT2 Composite	16	1,216			
Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)			
Pick-up Trucks	LHDT2	40	3,040			

2103 Reclamation Mobile Source Emissions Summary - Daily Emissions

Emissions - Daily (Pounds/Day)											
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
Subtotal	Running Exhaust, Tire Wear, and Break Wear										
	0.15	0.26	0.74	0.00	0.01	0.01	376.03	0.01	0.04	386.68	
	0.00	0.02	0.00	0.00	0.03	0.01	130.28	0.00	0.00	131.01	
	0.15	0.28	0.74	0.00	0.04	0.02	506.31	0.01	0.04	517.70	
Subtotal	PM10 PM2.5										
	Paved Road - PM only										
					0.26	0.06					
					0.18	0.04					
				0.44	0.11						
Subtotal	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
	Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap										
	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.12
	0.02	0.01	0.07	0.00	0.00	0.00	0.00	1.65	0.00	0.00	1.93
	0.03	0.01	0.08	0.00	0.00	0.00	1.73	0.00	0.00	2.05	
Subtotal	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
	Idling										
	0.01	0.07	0.07	0.00	0.00	0.00	0.00	9.01	0.00	0.00	9.42
	0.01	0.07	0.07	0.00	0.00	0.00	0.00	9.01	0.00	0.00	9.42
Reclamation	TOTAL	0.19	0.36	0.90	0.01	0.48	0.13	517.06	0.01	0.04	529.17
Emissions - Daily (Pounds/Day)											
	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	
SUMMARY											
Reclamation	0.1886	0.3581	0.8956	0.0050	0.4794	0.1310	517.0568	0.0112	0.0397	529.1675	

2103 Reclamation Mobile Source Assumptions Summary

Reclamation						
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	608	9,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	1,216	20,429
Project Vehicle	EMFAC Class	Average Daily Trip Length (miles)	Daily Trips (trips/day)	Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pick-up Trucks	LHDT2	15	8	120	608	9,120
Workers	LDA, LDT1 & LDT2 Composite	16.8	16	269	1,216	20,429
Project Vehicle	EMFAC Class	Daily Trips (trips/day)	Annual Trips (trips/year)			
Pick-up Trucks	LHDT2	8	608			
Workers	LDA, LDT1 & LDT2 Composite	16	1,216			
Project Vehicle	EMFAC Class	Idling Minutes per Day (min/day)	Idling Minutes per Year (min/year)			
Pick-up Trucks	LHDT2	40	3,040			

2103 Reclamation Mobile Source Emissions Summary - Annual Emissions

Emissions - Annual											
(Tons/Year)						(Metric Tons/Year)					
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Running Exhaust, Tire Wear, and Break Wear											
	0.01	0.01	0.03	0.00	0.00	0.00	14.29	0.00	0.00	14.69	0.000
	0.00	0.00	0.00	0.00	0.00	0.00	4.95	0.00	0.00	4.98	0.000
Subtotal	0.01	0.01	0.03	0.00	0.00	0.00	19.24	0.00	0.00	19.67	0.00
Paved Road - PM only											
				0.01	0.00						
				0.01	0.00						
Subtotal				0.02	0.00						
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Starting Exhaust, Hot Soak, Running Loss Evaporative, Resting Loss Evap, Diurnal Loss Evap											
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.07	0.00
Subtotal	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.07	0.00
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
Idling											
	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.32	0.00
Subtotal	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.32	0.00
Reclamation TOTAL	0.01	0.01	0.03	0.00	0.02	0.00	19.61	0.00	0.00	20.07	0.00
Emissions - Annual (Tons/Year)											
						(Metric Tons/Year)					
ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e	DPM	
SUMMARY											
Reclamation	0.0072	0.0136	0.0340	0.0002	0.0182	0.0050	19.6102	0.0004	0.0015	20.0679	0.0002

Stationary/Process Sources

- Underground Blasting/Crushing
 - Ore Processing – Surface
 - Backup Diesel Generators
 - Reagent Use
 - Diesel Storage Tanks

Idaho-Maryland Mine Project
Underground Crushing - Stationary

	STPD	Annual TPY	% total	Emission Factors (lb/ton)								Emissions (lb/day)										Emissions (tons/year)					Emissions (metric tons/year)					Emission Factor Source
				ROG	NOx	CO	SO2	PM 10	PM 2.5	CO2	CH4	N2O	ROG	NOx	CO	SO2	PM 10	PM 2.5	CO2	CH4	N2O	ROG	NOx	CO	SO2	PM 10	PM 2.5	CO2	CH4	N2O	CO2e	
2022 - 2102																																
Rock drilling	1,500	5.5E+05	100%	0	0	0	0	8.00E-05	8.00E-05	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	2.19E-02	2.19E-02	0	0	0	0	Wet drilling - unfragmeted stone AP-42 5th ed. Aug04 Table 11.19.2-2
Rock blasting - ANFO	0.93	3.4E+02	100%	0	17	67	2	2.99E+00	1.70E-01	446.96	0.019666	0.003933	0.00E+00	1.58E+01	6.23E+01	1.86E+00	2.78E+00	1.58E-01	4.16E+02	1.83E-02	3.66E-03	0.00E+00	2.88E+00	1.14E+01	3.39E-01	5.07E-01	2.88E-02	6.87E+01	3.02E-03	6.05E-04	6.90E+01	Explosives detonation, AP-42 5th ed Feb 1980 Table 13.3-1
Rock blasting - Detonators	257	9.4E+04	100%	3.5E-06	0.00016	0.00035	0	7.70E-04	4.80E-04	0.0014	3.5E-06	0	9.00E-04	4.11E-02	9.00E-02	0.00E+00	1.98E-01	1.23E-01	3.60E-01	9.00E-04	0.00E+00	1.64E-04	7.51E-03	1.64E-02	0.00E+00	3.61E-02	2.25E-02	5.96E-02	1.49E-04	0.00E+00	6.33E-02	Blasting caps, demolition charges, and detonators AP-42 5th ed. Jul09 Table 15.9.14-1
Transfer to rail car	1,500	5.5E+05	100%	0	0	0	0	4.60E-05	1.30E-05	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	1.26E-02	3.56E-03	0	0	0	0	conveyor transfer point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-3
Transfer to Jaw Crusher	1,500	5.5E+05	100%	0	0	0	0	4.60E-05	1.30E-05	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	1.26E-02	3.56E-03	0	0	0	0	conveyor transfer point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-4
Jaw Crusher	1,500	5.5E+05	100%	0	0	0	0	5.40E-04	1.00E-04	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-01	1.50E-01	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	1.48E-01	2.74E-02	0	0	0	0	Tertiary Crushing (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to storage	1,500	5.5E+05	100%	0	0	0	0	4.60E-05	1.30E-05	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	1.26E-02	3.56E-03	0	0	0	0	conveyor transfer point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-5
Transfer to mine skip	1,500	5.5E+05	100%	0	0	0	0	4.60E-05	1.30E-05	0	0	0	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	1.95E-02	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	1.26E-02	3.56E-03	0	0	0	0	conveyor transfer point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-6
Total													0.00	15.85	62.40	1.86	4.18E+00	6.29E-01	416.03	0.02	0.00	0.00	2.89	11.37	0.34	7.63E-01	1.15E-01	68.79	0.00	0.00	69.05	

Notes

Control Efficiencies:
"controlled" emission factors from AP-42 are used, and assume water sprays
% total = percentage of total STPD traveling through a piece of equipment
Assumptions:
assumes 365 operating days per year
detonator emission factors are in lb per item

Asbestos Emissions			
	lb/day	lb/hour	lb/year
Underground Crushing	2.26E-04	0.00	0

Silica Emissions			
	lb/day	lb/hour	lb/year
Ore Processing	2.48	0.10	903.60
Assumptions: 98.6% andesite rock with 60% silica content			

Idaho-Maryland Mine Project
Ore Processing - Surface

				Emission Factors (lb/ton)		Emissions (lb/day)		Emissions (tons/year)		Emission Factor Source
Activity	STPD	Annual TPY	% total	PM 10	PM 2.5	PM 10	PM 2.5	PM 10	PM 2.5	
2022 - 2102										
Transfer to 500 ton barren rock silo	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to conveyor	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to haul trucks	500	1.8E+05	100%	1.00E-04	1.00E-04	5.00E-02	5.00E-02	9.13E-03	9.13E-03	Truck Loading-Conveyor, crushed stone AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to 1,000 ton ore silo	1,000	3.7E+05	100%	4.60E-05	1.30E-05	4.60E-02	1.30E-02	8.40E-03	2.37E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to ore conveyor	1,000	3.7E+05	100%	4.60E-05	1.30E-05	4.60E-02	1.30E-02	8.40E-03	2.37E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Sag Mill	1,000	3.7E+05	100%	5.40E-04	1.00E-04	5.40E-01	1.00E-01	9.86E-02	1.83E-02	Tertiary Crushing (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Pebble Mill	500	1.8E+05	100%	5.40E-04	1.00E-04	2.70E-01	5.00E-02	4.93E-02	9.13E-03	Tertiary Crushing (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to conveyor	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Ball Mill	1,000	3.7E+05	100%	5.40E-04	1.00E-04	5.40E-01	1.00E-01	9.86E-02	1.83E-02	Tertiary Crushing (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Screen	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Screening	500	1.8E+05	100%	7.40E-04	5.00E-05	3.70E-01	2.50E-02	6.75E-02	4.56E-03	Screen (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Scats Bin	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Gravity Concentrator	500	1.8E+05	100%	4.60E-05	1.30E-05	2.30E-02	6.50E-03	4.20E-03	1.19E-03	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Shaker Table	14	5.1E+03	100%	4.60E-05	1.30E-05	6.44E-04	1.82E-04	1.18E-04	3.32E-05	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Dryer Oven	14	5.1E+03	100%	4.60E-05	1.30E-05	6.44E-04	1.82E-04	1.18E-04	3.32E-05	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Gold Room Furnace	14	5.1E+03	100%	4.60E-05	1.30E-05	6.44E-04	1.82E-04	1.18E-04	3.32E-05	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Transfer to Float Conditioning Tank	6	2.2E+03	100%	4.60E-05	1.30E-05	2.76E-04	7.80E-05	5.04E-05	1.42E-05	Transfer Point (controlled) AP-42 5th ed. Aug04 Table 11.19.2-2
Total						2.00E+00	3.91E-01	3.65E-01	7.13E-02	

Assumptions:

assumes 365 operating days per year
PM2.5 assumed to equal PM10 emissions for haul truck loading

Asbestos Emissions

	lb/day	lb/hour	lb/year
Ore Processing	1.08E-04	0.00	0.04

Silica Emissions

	lb/day	lb/hour	lb/year
Ore Processing	1.18	0.05	432.34

Assumptions: 98.6% andesite rock with 60% silica content

Idaho-Maryland Mine Project
Emergency Generator
Criteria Air Pollutant and GHG Emissions

				Emission Factors (g/hp-hr)									Emissions (lb/day)								Emissions (tons/year) ^d						Emissions (metric tons/year)				
	Generator HP	Load Factor	Number of Units	ROG ^a	NOx ^a	CO ^a	SO2 ^b	PM10 ^a	PM 2.5 ^a	CO2 ^c	CH4 ^c	N2O ^c	ROG	NOx	CO	SO2	PM10	PM 2.5	CO2	CH4	N2O	ROG	NOx	CO	SO2	PM10	PM 2.5	CO2	CH4	N2O	CO2e
2021																															
Generator	2655	0.64	2	0.02	0.40	1.04	0.006	0.00	0.00	568.30	0.02	0.01	3.60	71.92	187.00	0.99	0.72	0.71	102,185.75	3.42	1.62	0.02	0.32	0.84	0.00	0.00	0.00	417.16	0.01	0.01	419.47
2022 - 2102																															
Generator	2655	0.8	4	0.02	0.40	1.04	0.006	0.00	0.00	568.30	0.02	0.01	8.99	179.81	467.50	2.47	1.80	1.78	255,464.38	8.54	4.05	0.04	0.81	2.10	0.01	0.01	0.01	1,042.89	0.03	0.02	1,048.68

Notes

^a Emission factors based on EPA Engine Certificate KCEXL78.0AAA-009. However, based on the decimals of the certificate, PM10 assumed to be 0.004 g/hp-hr, and PM2.5 assumed to be 99% of the PM10

^b Emission factors based on EPA AP-42, Table 3.3-2.

^c Emission factors from CARB OFFROAD 2011 Model.

^d Annual emissions are conservatively based on 9 days of outages throughout the year, based on PG&E Public Safety Power Shut-Offs in 2019

TAC Emissions - 2021

Compound	CAS Number	Emission Factor (g/hp-hr) ^a	Emissions (lb/hour)	Emissions (lb/year)
Diesel Particulate Matter	9901	0.0040	0.0300	4.85

Note: 162 hours/year

a From manufacturers emissions data sheet 1138.

TAC Emissions - 2022 - ?

Compound	CAS Number	Emission Factor (g/hp-hr) ^a	Emissions (lb/hour)	Emissions (lb/year)
Diesel Particulate Matter	9901	0.0040	0.0749	16.18

Note: gal/hr 216 hours/year

a From manufacturers emissions data sheet 1138.

Idaho-Maryland Mine Project
Reagent Use

Reagent Type	Quantity Used		Product	VOC content (%)	VOC Emissions (lb/day)	VOC Emissions (ton/yr)
Collectors	150	pounds per day	PAX, Aero MX-5160, Aero Magold 900	0.015	2.25	0.41
Promoter	50	pounds per day	Aero 707, Aero 208	0	0	0.00
Frother	80	pounds per day	Aerofroth 70 - MIBC, Aerofroth 65 - Polypropylene Glycol	0	0	0.00
Flocculant	80	pounds per day	Magnfloc 10	0	0	0.00
Descaling	264	gallons per month	Scaletrol PDC9401	0	0	0.00
				Total	2.25	0.41

Notes: VOC content based off of product MSDS.

Idaho-Maryland Mine Project
Diesel Storage Tanks

Fuel Tank	Fuel Type	Tank Type	Tank Size (gallons)	Gallons Per Day	Gallons Per year	Turnovers per year	ROG Emissions (lb/day)			ROG Emissions (ton/yr)		
							Breathing Losses	Working Losses	Total	Breathing Losses	Working Losses	Total
Brunswick Site - Diesel	Low-sulfur Diesel (No.2)	AST	30,000	12,000	4,380,000.00	146.00	0.02	0.10	0.12	0.00	0.02	0.02
Centenial Site - Diesel	Low-sulfur Diesel (No.2)	AST	1,200	231	84,315.00	70.26	0.00	0.00	0.00	0.00	0.00	0.00
						Total	0.02	0.11	0.12	0.00	0.02	0.02

Note: Emissions estimated using US EPA TANKS 4.09d.

Diesel Fuel TAC Emission Calculations

	Emission Factors (lb/lb ROG)				Emissions (lb/hr)				Emissions (lb/yr)			
	Benzene	Hexane	Toluene	2,2,4-Trimethylpentane	Benzene	Hexane	Toluene	2,2,4-Trimethylpentane	Benzene	Hexane	Toluene	2,2,4-Trimethylpentane
Brunswick Site - Diesel	0.024	0.047	0.014	0.004	0.000120329	0.000235644	7.01918E-05	2.00548E-05	1.05408	2.06424	0.61488	0.17568
Centenial Site - Diesel	0.024	0.047	0.014	0.004	3.53425E-06	6.92123E-06	2.06164E-06	5.89041E-07	0.03096	0.06063	0.01806	0.00516

Note: Emission factors from the CARB Identification of Volatile Organic Compound Species Profiles, Profile #297. August 1991.

Earthwork and Material Handling Fugitive Dust

Idaho-Maryland Mine Project
Fugitive Dust from Earthwork and Material Handling

Disturbed Area Fugitive Dust

Equations:

EPM10 = (0.051 x (S)^2.0 x FPM10) x (As/Wb x 43,560/5,280)

EPM2.5 = (0.051 x (S)^2.5 x FPM2.5) x (As/Wb x 43,560/5,280)

Where:

EPM10 = PM10 emissions from ground disturbance (pounds of PM10)

EPM2.5 = PM2.5 emissions from ground disturbance (pounds of PM2.5)

S = mean vehicle speed (mph); AP-42 default value is 7.1 mph

FPM10 = PM10 scaling factor; AP-42 default value is 0.6

FPM2.5 = PM2.5 scaling factor; AP-42 default value is 0.031

As = acreage of the grading site

Wb = blade width of grading equipment; CalEEMod default is 12 feet

Material Handling Fugitive Dust

Equations:

E = k*(0.0032)*(((U/5)^1.3)/((M/2)^1.4))*TP

Where:

E = Particulate emissions (in pounds) from truck loading/unloading

k = particle size multiplier; AP-42 default value is 0.35 for PM10 and 0.053 for PM2.5

U = mean wind speed (mph); default for Nevada County is 2.2 meter/sec = 4.9 mph

M = material moisture content; CalEEMod uses 12% (moisture content of cover) as default

TP = material throughput (tons)

Emissions Calculations:

Year 2021Construction												
Disturbed Area Fugitive Dust												
Grading and Paving Phase312 days (6 days/week, January - December 2021)												
Equipment	Qty	Acres/8-hr day	Total Acres	Square-Feet	Total VMT	VMT/day	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
							PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Dozers	1	0.5	195	8,494,200	134.06	0.43	0.66	0.09	0.01	0.001	0.10	0.01
Grader	1	0.5	195	8,494,200	134.06	0.43	0.66	0.09	0.01	0.001	0.10	0.01
Total - Without Water Trucks							1.33	0.18	0.02	0.00	0.21	0.03
Total - With Water Trucks ²							0.60	0.08	0.01	0.00	0.09	0.01

1. Total acres based on 10 hours/day, 6 days/week operation of equipment

2. Water trucks assumed to reduce particulate matter by 55% for 2x per day application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Grading and Paving Phase

77 days (6 days/week, January - March 2021)

Area	Cut (yd³)	Fill (yd³)	Total Material (yd³)	Total Material (tons)	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
					PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Pond berm	4,000.00	4,000.00	8,000.00	12,160.00	0.01	0.00	0.000	0.000	0.00	0.00
Service shaft collar	50,000.00	50,000.00	100,000.00	152,000.00	0.18	0.03	0.002	0.000	0.01	0.00
Building pad	28,000.00	37,000.00	65,000.00	98,800.00	0.11	0.02	0.001	0.000	0.00	0.00
Entrance area	1,000.00	1,500.00	2,500.00	3,800.00	0.00	0.00	0.000	0.000	0.00	0.00
Timbered area	150,000.00	150,000.00	300,000.00	456,000.00	0.53	0.08	0.007	0.001	0.02	0.00
Summary	233,000.00	242,500.00	475,500.00	722,760.00	0.83	0.13	0.01	0.00	0.03	0.00

Year 2022 - Year 2026Mining, Brunswick Site, Fill Placement at Centennial												
Disturbed Area Fugitive Dust												
Engineered Fill Placement - Centennial260 days/year												
Equipment	Qty	Acres/8-hr day	Total Acres ¹	Square-Feet	Total VMT	VMT/day	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
							PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Dozers	1	0.5	65	2,831,400	44.69	0.17	0.27	0.04	0.00	0.000	0.03	0.00
Grader	1	0.5	65	2,831,400	44.69	0.17	0.27	0.04	0.00	0.000	0.03	0.00
Total - Without Water Trucks							0.53	0.07	0.01	0.00	0.07	0.01
Total - With Water Trucks ²							0.24	0.03	0.00	0.00	0.03	0.00

1. Total acres based on 4 hour/day, 5 days/week operation of equipment

2. Water trucks assumed to reduce particulate matter by 55% for 2x per day application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Engineered Fill Placement - Centennial					365 days/year					
Area	Daily Cut (yd ³)	Daily Fill (yd ³)	Total Daily Material (yd ³)	Total Material (tons)	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
					PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Engineered fill - from Mine to trucks ¹	659.00		659.00	1,000.00	0.00	0.00	0.000	0.000	0.00	0.00
Engineered fill placement - at Centennial ¹		659.00	659.00	1,000.00	0.00	0.00	0.000	0.000	0.00	0.00
Summary	659.00	659.00	1,318.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00

1. Based on total engineered fill of 1,000 tons per day, or 659 cubic yards per day

Year 2027 - Year 2032Mining, Brunswick Site, Fill Placement at Brunswick												
Disturbed Area Fugitive Dust												
Engineered Fill Placement - Brunswick260 days/year												
Equipment	Qty	Acres/8-hr day	Total Acres	Square-Feet	Total VMT	VMT/day	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
							PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Dozers	1	0.5	65	2,831,400	44.69	0.17	0.27	0.04	0.00	0.000	0.03	0.00
Grader	1	0.5	65	2,831,400	44.69	0.17	0.27	0.04	0.00	0.000	0.03	0.00
Total - Without Water Trucks							0.53	0.07	0.01	0.00	0.07	0.01
Total - With Water Trucks ²							0.24	0.03	0.00	0.00	0.03	0.00

1. Total acres based on 4 hour/day, 5 days/week operation of equipment

2. Water trucks assumed to reduce particulate matter by 55% for 2x per day application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Engineered Fill Placement - Brunswick

365 days/year

Area	Daily Cut (yd³)	Daily Fill (yd³)	Total Daily Material (yd³)	Total Material (tons)	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
					PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Engineered fill - from Mine to trucks¹	659.00		659.00	1,000.00	0.00	0.00	0.000	0.000	0.00	0.00
Engineered fill placement - at Brunswick¹		659.00	659.00	1,000.00	0.00	0.00	0.000	0.000	0.00	0.00
Summary	659.00	659.00	1,318.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00

1. Based on total engineered fill of 1,000 tons per day, or 659 cubic yards per day

Year 2033 - 2102										
Mining, Brunswick Site, Fill Placement Off-Site										
Material Handling Fugitive Dust										
Engineered Fill Placement - Off-Site										
365 days/year										
Area	Daily Cut (yd ³)	Daily Fill (yd ³)	Total Daily Material (yd ³)	Total Material (tons)	Daily Emissions (lb/day)		Monthly Emissions (lbs/month)		Annual Emissions (tons/year)	
					PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Engineered fill - from Mine to trucks ¹	659.00		659.00	1,000.00	0.00	0.00	0.000	0.000	0.00	0.00
Summary	659.00	0.00	659.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00

1. Based on total engineered fill of 1,000 tons per day, or 659 cubic yards per day

Idaho-Maryland Mine Project

Fugitive Dust TAC Emissions from Earthwork and Material Handling

Year 2021 *Construction*

Disturbed Area Fugitive Dust

Grading and Paving Phase 312 days/year

Pollutant	(lb/day) ¹	lb/hour	lb/year
Asbestos	0.00003	0.0000013	0.00
Silica	0.35	0.0147045	0.00

1. Includes 55% reduction in particulate matter for 2x per day water truck application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Grading and Paving Phase 77 days/year

Pollutant	(lb/day)	lb/hour	lb/year
Asbestos	0.000045009	0.0000018754	0.045009
Silica	0.49	0.0205457	493.10

Year 2022 - Year 2026 *Mining, Brunswick Site, Fill Placement at Centennial*

Disturbed Area Fugitive Dust

Engineered Fill Placement - Centennial 260 days/year

Pollutant	(lb/day) ¹	lb/hour	lb/year
Asbestos	0.00001	0.0000005	0.00
Silica	0.14	0.0058818	36.70

1. Includes 55% reduction in particulate matter for 2x per day water truck application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Engineered Fill Placement - Centennial 365 days/year

Pollutant	(lb/day)	lb/hour	lb/year
Asbestos	0.000000026	0.0000000011	0.000010
Silica	0.00	0.0000120	0.11

Year 2027 - Year 2032 *Mining, Brunswick Site, Fill Placement at Brunswick*

Disturbed Area Fugitive Dust

Engineered Fill Placement - Brunswick 260 days/year

Pollutant	(lb/day) ¹	lb/hour	lb/year
Asbestos	0.000012885	0.0000005369	0.003350
Silica	0.14	0.0058818	36.70

1. Includes 55% reduction in particulate matter for 2x per day water truck application, per CalEEMod 2016.3.2

Material Handling Fugitive Dust

Engineered Fill Placement - Brunswick 365 days/year

Pollutant	(lb/day)	lb/hour	lb/year
Asbestos	0.000000026	0.0000000011	0.000010
Silica	0.00	0.0000120	0.11

Year 2033 - 2102 *Mining, Brunswick Site, Fill Placement Off-Site*

Material Handling Fugitive Dust

Engineered Fill Placement - Off-Site 365 days/year

Pollutant	(lb/day)	lb/hour	lb/year
Asbestos	0.000000013	0.0000000005	0.000005
Silica	0.00	0.0000060	0.05

Asphalt Paving

Idaho-Maryland Mine Project
Asphalt Paving Emissions

Asphalt Paving Off-Gassing

Equations:

$E_{AP} = EF_{AP} \times A_{\text{parking}}$

Where:

E_{AP} = VOC emissions from asphalt paving (pounds of VOC)

EF_{AP} = Asphalt paving VOC emission factor (pounds per acre)*

A_{parking} = Parking lot area (acres)

**CalEEMod default values based on SMAQMD emission factor of 2.62 pounds VOC/acre
Assume that all volatile organic compounds (VOCs) are represented by reactive organic gases (ROGs)*

Emissions Calculations:

Location	Project Phase	Facility	Start	End	Months	Days/Wk	Duration	Total Area (acres)	EF _{AP} (lbVOC/acre)	Total E _{AP} (lb VOC)	Pounds per Day VOC	Tons per Year VOC
Brunsick Industrial Site E. Bennett Road	Construction - Grading and Paving	Parking Lot and On-Site Roads	6/1/2021	8/31/2021	3	6	77	9.7	2.62	25.41	0.33	0.013
	Construction - Potable Water Line	E. Bennett Road ¹	3/1/2021	5/31/2021	3	6	77	1.5	2.62	3.93	0.05	0.002

1. For potable pipeline area, assumed all construction in roads, 1.25 miles by 10-foot disturbance, that would need to be re-paved

Architectural Coatings

Idaho-Maryland Mine Project
Architectural Coatings Emissions

Non-Residential Surface Coatings

Equations:

$E_{ac} = EF_{AC} \times F \times A_{paint}$
 $EF_{AC} = C_{VOC} / 454 \text{ (grams per pound)} \times 3.875 \text{ (liters per gallon)} / 180 \text{ (square feet)}$

Where:

E_{ac} = VOC emissions from architectural coating (pounds of VOC)
 EF_{AC} = Architectural coating VOC emission factor (pounds per square foot)
 F = Fraction of surface area*
 A_{paint} = Building surface area (square feet) (i.e., square footage of area to be painted)**
 C_{VOC} = VOC content (grams per liter). Varies by location and year.

*CalEEMod default values based on SCAQMD methods used in their coating rules are 75% for the interior surfaces and 25% for the exterior shell.

**CalEEMod assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. All of the land use information provided by a metric other than square footage will be converted to square footage using the default conversions or user defined equivalence.

Assume that all volatile organic compounds (VOCs) are represented by reactive organic gases (ROGs)

Parking Lot Painting

Painting of stripes, handicap symbols, directional arrows and car space descriptions in parking lots.

Equation:

Same as residential and non-residential, but A_{paint} is:
 $A_{paint} = A_{pL} \times P\%$

Where:

A_{paint} = Building surface area (square feet) (i.e., square footage of area to be painted)
 A_{pL} = Parking lot area (square feet)
 $P\%$ = Default percent of parking lot area that is painted
 C_{VOC} = VOC content (grams per liter) based on exterior coating paint VOC limits

Reference:

CalEEMod Users Guide, Appendix A Calculation Details

Emissions Calculations:

	Building Surface Area Multiplier	Interior Fraction of Surface Area	Exterior Fraction of Surface Area
Non-residential land use	2.0	75%	25%
Parking Lot	1.0	0%	6%
	SF	Interior Fraction of Surface Area	Exterior Fraction of Surface Area
Idaho Maryland Mine - Buildings	122,000	183,000	61,000
Total Non-residential Land Use	122,000	183,000	61,000
Parking Lot	102,000	0	6,120
Total Parking Surface Land Use	102,000	0	6,120

Non-Residential Interior Surface Coatings

	Units	Construction - Monthly in 2021	Operations (2022-2102) ¹
VOC Content of Coating	g/L	150	
Non-Residential Interior VOC Emission Factor	lbs/SF	0.00711	
Total Building Area (Averaged Monthly)	SF	10,167	
Building Surface Area	SF	2.0	
Fraction of Surface Area	percent	75%	
Interior Surface Area to be Coated	SF	15,250	
Duration (Days of Architectural Coating Phase)	days	310	
Surface Area (SF) Coated per Day	SF/day	49.26	
Total VOC Emissions (pounds)	lbs	108.47	10.85
Total VOC Emissions (tons)	tons	0.05	0.01
Average Daily VOC Emissions (pounds per day)	lbs/day	0.35	0.04

Non-Residential Exterior Surface Coatings

	Units	Construction - Monthly in 2021	Operations (2022-2102) ¹
VOC Content of Coating	g/L	150	
Non-Residential Exterior VOC Emission Factor	lbs/SF	0.00711	
Total Building Area (Averaged Monthly)	SF	10,167	
Building Surface Area	SF	2.0	
Fraction of Surface Area	percent	25%	
Exterior Surface Area to be Coated	SF	5,083	
Duration (Days of Architectural Coating Phase)	days	310	
Surface Area (SF) Coated per Day	SF/day	16.42	
Total VOC Emissions (pounds)	lbs	36.16	3.62
Total VOC Emissions (tons)	tons	0.02	0.00
Average Daily VOC Emissions (pounds per day)	lbs/day	0.12	0.01

Parking Lot (Exterior) Surface Coatings

	Units	Construction - December 2021	Operations (2022-2102) ¹
VOC Content of Coating	g/L	150	
Parking Lot VOC Emission Factor	lbs/SF	0.00711	
Parking Lot Area	SF	102,000	
Fraction of Parking Lot Area Painted	percent	6%	
Exterior Surface Area to be Coated	SF	6,120	
Duration (Days of Architectural Coating - Parking Lot Phase)	days	20	
Parking Area (SF) Coated per Day	SF/day	306.00	
Total VOC Emissions (pounds)	lbs	43.53	4.35
Total VOC Emissions (tons)	tons	0.02	0.00
Average Daily VOC Emissions (pounds per day)	lbs/day	2.18	0.22

1. Operations assume 10% re-application of architectural coatings per year, per CalEEMod 2016.3.2

Consumer Products

Idaho-Maryland Mine Project Consumer Product Emissions

Equation:

VOC Emissions = EF x Building Area

Where:

EF = pounds of VOC per building square foot per day

The factor is 2.14×10^{-5} lbs/sqft/day

Building Area = The total square footage of all buildings including residential square footage.

Consumer products are chemically formulated products used by household and institutional consumers, including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. SCAQMD did an evaluation of consumer product use compared to the total square footage of buildings using data from ARB consumer product Emission Inventory. This analysis can be found in Appendix E. (CalEEMod User's Guide Section 6.2 Consumer Products)

Emission Factor Assumptions

Land Use	Type	Rate Metric	Consumer Product Rate	Data Source
Residential & Most Non-Residential	General	pounds of VOC per building square foot per day	0.0000214	CalEEMod User's Guide Appendix E
Parking	Degreaser	pounds of VOC per square foot per day	0.0000003542	CalEEMod User's Guide Appendix E

Emissions Calculations:

	SF	Consumer Product Rate (VOC lbs per SF)	Daily Consumer Product Emissions (VOC lbs/day)	Annual Consumer Product Emissions (VOC tons per year)
Idaho Maryland Mine - Buildings	122,000	0.0000214	2.61	0.48
Parking Lot	102,000	0.0000003542	0.04	0.01
Total			2.65	0.48

Wastewater Septic System

Idaho-Maryland Mine Project

Septic System GHGs

Equations:

Methane (CH₄) Generation

CH₄ (MT) = Wastewater x BOD₅ load x 10⁻⁶ x Bo x MCF_{septic} x 10⁻³

Where:	Value	Unit	Description
Wastewater	INPUT	L	volume of wastewater
BOD ₅ load	200	mg/L	concentration of BOD5 in wastewater
10 ⁻⁶	--	kg/mg	conversion factor
Bo	0.60	kg CH ₄ /kg BOD ₅ removed	max CH4 producing capacity for domestic wastewater
MCF _{septic}	0.50	--	CH4 correction factor for septic systems
10 ⁻³	--	MT/kg	conversion factor

Nitrous Oxide (N₂O) Generation

N₂O (MT) = Wastewater x 10⁻⁶ x N Load x 44/28 x EF effluent x 10⁻³

Where:	Value	Unit	Description
Wastewater	INPUT	L	volume of wastewater
10 ⁻⁶	--	kg/mg	conversion factor
N Load	26.00	mg/L wastewater	mass of nitrogen discharged per volume of wastewater
44/28	--	--	Ratio of molecular weights for N ₂ O and N ₂
EF effluent	0.005	kg N ₂ O/kg N	N ₂ O effluent emission factor
10 ⁻³	--	MT/kg	conversion factor

Reference:

CalEEMod Users Guide, Appendix A Calculation Details

Emissions Calculations:

Idaho Maryland Mine	Gallons/Day ¹	Liters/Day	Liters/Yr	MT CH ₄ /Yr	MT N ₂ O/Yr	MT CO ₂ e/Yr
Total Potable Water Used	3,952	14,959.95	5,460,381.10	0.33	0.001	8.52

1. Total potable water used per day based on estimates provided by Rise Grass Valley

Utility-Provided Electricity for Facility

Idaho-Maryland Mine Project
Electricity GHG Emissions Calculator

Equation:

Electricity Emissions =Σi (Utility x Energy Intensity x Size)

Where:

Utility	Carbon intensity of Local Utility (CO2E/kWh)
Energy Intensity	electricity energy intensity for a land use (kWh/sq.ft. or kWh/DU)
Size	size metric (square feet or dwelling units)
i	land use type

Assumptions

PG&E Electricity GHG Intensity Factors

GHG	Units	All Years ¹
CO ₂	lb/MWh	210.00
CH ₄	lb/MWh	0.0290
N ₂ O	lb/MWh	0.0062

1. Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO₂ was adjusted based PG&E's reported intensity for 2017 which is from the PG&E Corporate Responsibility and Sustainability Report (2019). This value will decrease overtime due to the Renewable Portfolio Standard, but was used for all scenarios as a conservative estimate.

Emissions Calculations:

Year 2021 Construction							
Electricity Consumption	Daily Electricity Demand (kWh) ¹	Annual Electricity Demand (kWh) ¹	Annual Electricity Demand (MWh) ²	Electricity Emissions (Metric Tons/Year)			
				CO ₂	CH ₄	N ₂ O	CO ₂ e
Underground Mine	41,375.25	14,729,590.42	14,729.59	1,403.06	0.19	0.04	1,420.19
Water Treatment	3,312.24	1,179,157.44	1,179.16	112.32	0.02	0.00	113.69
Raise Boring	3,355.65	197,029.06	197.03	18.77	0.00	0.00	19.00
Total			16,105.78	1,534.15	0.21	0.05	1,552.87

1. Electricity consumption estimates were provided by Rise Grass Valley. Annual electricity demand accounts for 9 days of power outages based on 2019 Public Safety Power Shutoffs
2. Conversion: 1 MWh = 1,000 kWh

Each Operational Year All Operational Scenarios							
Electricity Consumption	Daily Electricity Demand (kWh) ¹	Annual Electricity Demand (kWh) ¹	Annual Electricity Demand (MWh) ²	Electricity Emissions (Metric Tons/Year) ³			
				CO ₂	CH ₄	N ₂ O	CO ₂ e
Underground Mine	54,309.74	19,334,268.79	19,334.27	1,841.67	0.25	0.05	1,864.16
Ore Processing Facility	53,780.04	19,145,692.53	19,145.69	1,823.71	0.25	0.05	1,845.97
Water Treatment	4,981.68	1,773,478.08	1,773.48	168.93	0.02	0.00	170.99
Surface Buildings	7,031.25	2,503,125.00	2,503.13	238.43	0.03	0.01	241.34
Total			42,756.56	4,072.75	0.56	0.12	4,122.47

1. Electricity consumption estimates were provided by Rise Grass Valley. Annual electricity demand accounts for 9 days of power outages based on 2019 Public Safety Power Shutoffs
2. Conversion: 1 MWh = 1,000 kWh

Electricity for NID-Supplied Potable Water

Idaho-Maryland Mine Project
NID-Supplied Water Conveyance GHG Emissions

GHG Intensity Factors		
GHG	Units	All Years ¹
CO ₂	lb/MWh	210.00
CH ₄	lb/MWh	0.0290
N ₂ O	lb/MWh	0.0062

1. Emission factors for CO2, CH4, and N2O are from the CalEEMod software version 2016.3.2 for PG&E. CO₂ was adjusted based PG&E's reported intensity for 2017 which is from the PG&E Corporate Responsibility and Sustainability Report (2019). This value will decrease overtime due to the Renewable Portfolio Standard, but was used for all scenarios as a conservative estimate.

Electricity Intensity Factors		
Process	Units	
Supply	kwh/MG	2,117
Treat	kwh/MG	111
Distribute	kwh/MG	1,272
Wastewater Treatment	kwh/MG	1,911
Total	kwh/MG	5,411

* Electricity intensity factors from CalEEMod Appendix D for Nevada County.

Year 2021		Construction
Water Demand		Water use for dust suppression during construction sourced from treated mine water

Year 2022 - Year 2026		Mining, Brunswick Site, Fill Placement at Centennial					
Water Demand							
Land Use	Size	Units	Indoor Water, gal/size/year ¹	Outdoor Water, gal/size/year ¹	Indoor Water Use (gal/year)	Outdoor Water Use (gal/year)	Total Water Demand (gal/year)
Residences/Potable Water Line	26	Dwelling Units	65,154.03	41,075.36	1,694,004.67	1,067,959.46	2,761,964.13
Potable Water Use at Brunswick Site	N/A	N/A	1,442,480.00	0.00	1,442,480.00	0.00	1,442,480.00
Centennial Site Dust Suppression	N/A	N/A	0.00	11,002,420.00	0.00	11,002,420.00	11,002,420.00
Total					3,136,484.67	12,070,379.46	15,206,864.13

1. Indoor/outdoor water use for the homes along the potable water line are based on CalEEMod defaults. Rise Grass Valley provided the potable water use at Brunswick and NID supplied water at the Centennial site estimates.

GHG Emissions				
	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	2,117	2,117	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	kwh/MG	5,411	3,500	N/A
Water Consumption	MG/yr	3.1	12.1	15.2
Electricity Usage	kwh/yr	16,972	42,246	59,218
GHG Emissions				
CO ₂ e	metric tons/yr	1.64	4.07	5.71
CO ₂	metric tons/yr	1.62	4.02	5.64
CH ₄	metric tons/yr	0.00	0.00	0.00
N ₂ O	metric tons/yr	0.00	0.00	0.00

Year 2027 - Year 2032		Mining, Brunswick Site, Fill Placement at Brunswick					
Water Demand							

Land Use	Size	Units	Indoor Water, gal/size/year ¹	Outdoor Water, gal/size/year ¹	Indoor Water Use (gal/year)	Outdoor Water Use (gal/year)	Total Water Demand (gal/year)
Residences/Potable Water Line	26	Dwelling Units	65,154.03	41,075.36	1,694,004.67	1,067,959.46	2,761,964.13
Potable Water Use at Brunswick Site	N/A	N/A	1,442,480.00	0.00	1,442,480.00	0.00	1,442,480.00
Total					3,136,484.67	1,067,959.46	4,204,444.13

1. Indoor/outdoor water use for the homes along the potable water line are based on CalEEMod defaults. Rise Grass Valley provided the potable water use at Brunswick. Notably, unlike for the Centennial site dust suppression, the water to be used for dust control at Brunswick would be from treated mine water.

GHG Emissions				
	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	2,117	2,117	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	kwh/MG	5,411	3,500	N/A
Water Consumption	MG/yr	3.1	1.1	4.2
Electricity Usage	kwh/yr	16,972	3,738	20,709
GHG Emissions				
CO ₂ e	metric tons/yr	1.64	0.36	2.00
CO ₂	metric tons/yr	1.62	0.36	1.97
CH ₄	metric tons/yr	0.00	0.00	0.00
N ₂ O	metric tons/yr	0.00	0.00	0.00

Year 2033 - 2102

Mining, Brunswick Site, Fill Placement Off-Site

Water Demand

Land Use	Size	Units	Indoor Water, gal/size/year ¹	Outdoor Water, gal/size/year ¹	Indoor Water Use (gal/year)	Outdoor Water Use (gal/year)	Total Water Demand (gal/year)
Residences/Potable Water Line	26	Dwelling Units	65,154.03	41,075.36	1,694,004.67	1,067,959.46	2,761,964.13
Potable Water Use at Brunswick Site	N/A	N/A	1,442,480.00	0.00	1,442,480.00	0.00	1,442,480.00
Total					3,136,484.67	1,067,959.46	4,204,444.13

1. Indoor/outdoor water use for the homes along the potable water line are based on CalEEMod defaults. Rise Grass Valley provided the potable water use at Brunswick. Notably, unlike for the Centennial site dust suppression, the water to be used for dust control at Brunswick would be from treated mine water.

GHG Emissions

	Units	Potable Water - Indoor	Potable Water - Outdoor	Total
Electricity Intensity Factor				
Supply	kwh/MG	2,117	2,117	N/A
Treat	kwh/MG	111	111	N/A
Distribute	kwh/MG	1,272	1,272	N/A
Wastewater Treatment	kwh/MG	1,911	-	N/A
Total	kwh/MG	5,411	3,500	N/A
Water Consumption	MG/yr	3.1	1.1	4.2
Electricity Usage	kwh/yr	16,972	3,738	20,709
GHG Emissions				
CO ₂ e	metric tons/yr	1.64	0.36	2.00
CO ₂	metric tons/yr	1.62	0.36	1.97
CH ₄	metric tons/yr	0.00	0.00	0.00
N ₂ O	metric tons/yr	0.00	0.00	0.00

Solid Waste

Idaho-Maryland Mine Project
Solid Waste Emissions

Equation:
(CO2, CH4) Emissions = EF x Ton of waste generated per year

Where:
EF (CO2, CH4) = tons of (CO2, CH4) emitted per ton of waste generated per year
The factor is 1.43 x 10-1 tons CO2 emitted (No LFG Collection)/ton of waste generated per year.
The factor is 2.29 x 10-1 tons CO2 emitted (LFG Collect and Combust)/ton of waste generated per year.
The factor is 4.26 x 10-2 tons CH4 emitted (No LFG Collection)/ton of waste generated per year.
The factor is 1.14 x 10-2 tons CH4 emitted (LFG Collect and Combust)/ton of waste generated per year.

Reference:
CalEEMod Appendix D, Table 10.2, "Support for Solid Waste Emission Factors."

Emission Factors

Description	Collection Efficiency	Destruction Fraction	Oxidation Fraction	CO2 Emissions, ton/ton waste	CH4 Emissions, ton/ton waste
No LFG Collection	0	0	0.1	0.143068564	0.042565854
LFG Collect and Combust	0.75	0.98	0.1	0.228909703	0.011350894
Cogen			waste*(0.2289 - 6.3382E-05*UtilityCO2		0.011350894

Waste Generation

Land Use	Solid Waste Generation Rate ¹	Rate Metric	Maximum Daily Employees	Annual Waste Generated (tons)
Buildings - Employee Waste	1.15	tons per employee	178	204.7

1. Solid Waste Disposal Rate from CalEEMod Appendix D, Table 10.1, Statewide for Unrefrigerated Warehouse.

Landfill Processing of Waste		
GHG Source	Waste Distribution Percent ¹	Idaho Maryland Mine Buildings - Employee Waste
No LFG Collection	6%	12.282
LFG Collect and Combust	94%	192.418
Cogen	0%	0
Totals	100%	205

References:
1. Default values from CalEEMod 2016.3.2

Emissions Calculations:

Annual GHG Emissions - Project Operations (Metric Tons/year)			
	CO ₂	CH ₄	CO ₂ E
Idaho Maryland Mine Buildings - Employee Waste	41.55	2.46	102.94

Tree Removal – Carbon Loss

Idaho-Maryland Mine Project

Land Use Change - Loss of Sequestered Carbon

A development which changes land use type results in changes in CO₂ sequestration from the atmosphere which would not have been captured had there been no land-type change.

Equation:

$$\text{Sequestered CO}_2 \text{ (MT CO}_2\text{)} = \sum_f (\text{SeqCO}_2)_f \times (\text{area})_f - \sum_i (\text{SeqCO}_2)_i \times (\text{area})_i$$

Where:

SeqCO₂ = mass of sequestered CO₂ per unit area (MT CO₂/acre)

area = area of land for specific land use type (acre)

f = index for final land use type

i = index for initial land use type

Overall change in sequestered CO₂ is the summation of sequestered CO₂ from initial land use type multiplied by area of land for initial land use type subtracted by the summation of sequestered CO₂ from final land use type multiplied by area of land for final land use type. There is no reduction in GHG emissions associated with preservation of a land.

Default CalEEMod Factors

The mass of sequestered CO₂ per unit area (MT CO₂/acre) is dependent on the specific land use type. The program uses default CO₂ sequestration values from the California Climate Action Registry for each land use that will be preserved or created:

Vegetation Land Use Type	Vegetation Land Use Subtype	Biogenic CO ₂ Emissions (MT CO ₂ /Acre)
Cropland	Cropland	6.2
Forest Land	Scrub	14.3
Forest Land	Trees	111
Grassland	Grassland	4.31
Wetlands	Wetlands	0
Others	Others	0

Notes:

Based on values indicated in IPCC Guidelines for National Greenhouse Gas Inventories (IPCC Guidelines). Available online at <http://www.ipcc-nggip.iges.or.jp/public/2006gl/>

Reference:

CalEEMod Users Guide, Appendix A Calculation Details (Section 11 Vegetation, pages 50-52)

Idaho-Maryland Mine Project

Calculations:

Project Vegetation Land Use	Vegetation Land Use Category	Vegetation Land Use Category Subtype	Initial Acres (acres)	Final Acres (acres)	Net Loss (acres)	Biogenic CO ₂ Emissions (MT CO ₂ /Acre)	Loss of Sequestered CO ₂ (MT CO ₂)
Brunswick	Forest Land	Trees	18.70	0.00	18.70	111	2,075.70
Centennial	Forest Land	Trees	5.30	0.00	5.30	111	588.30
Total			24.00	0.00	24.00		2,664.00
Amortized over 80 Year Project Life							33.3

Notes:

On the Brunswick site, approximately 18.7 acres of forested areas (Montane Hardwood-Conifer, Montane Hardwood, Ponderosa Pine, and Sierran Mixed Conifer vegetation communities) will be disturbed and trees will require removal. On the Centennial site, up to approximately 5.3 acres of forested areas (Montane Hardwood-Conifer and Montane Hardwood vegetation communities) will be disturbed and trees will require removal.

The default annual CO₂ is calculated by multiplying total biomass (MT dry matter/acre) from IPCC data by the carbon fraction in plant material (0.47), then using the ratio of molecular weights (44/12) to convert from MT of carbon (C) to MT of carbon dioxide (CO₂).

Vegetation Type

Vegetation types are defined by IPCC as follows:

Forest Land

This category includes all land with woody vegetation consistent with thresholds used to define Forest Land in the national greenhouse gas inventory. It also includes systems with a vegetation structure that currently fall below, but *in situ* could potentially reach the threshold values used by a country to define the Forest Land category.

Cropland

This category includes cropped land, including rice fields, and agro-forestry systems where the vegetation structure falls below the thresholds used for the Forest Land category.

Grassland

This category includes rangelands and pasture land that are not considered Cropland. It also includes systems with woody vegetation and other non-grass vegetation such as herbs and brushes that fall below the threshold values used in the Forest Land category. The category also includes all grassland from wild lands to recreational areas as well as agricultural and silvi-pastoral systems, consistent with national definitions.

Wetlands

This category includes areas of peat extraction and land that is covered or saturated by water for all or part of the year (e.g., peatlands) and that does not fall into the Forest Land, Cropland, Grassland or Settlements categories. It includes reservoirs as a managed sub-division and natural rivers and lakes as unmanaged sub-divisions.

Area

The user must specify area of land in acres for specific final and initial land use types. These area changes include not only the area of land that will be converted to buildings, but also areas disrupted by the construction of utility corridors, water tank sites, and associated borrow and grading areas. Areas temporarily disturbed that will eventually recover to become vegetated will not be counted as vegetation removed as there is no net change in vegetation or land use.

APPENDIX B

Health Risk Assessment

Health Risk Assessment Report for the Idaho-Maryland Mine Project Nevada County, California

Prepared for:

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APPENDIX

A HARP2 and AERMOD Output Files

Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
hp	horsepower
HRA	Health Risk Assessment
m E	meters easting
m N	meters northing
MEIR	maximally exposed individual resident
MM	Mitigation Measure
NED	National Elevation Dataset
NSAQMD	Northern Sierra Air Quality Management District
OEHHA	Office of Environmental Health Hazard Assessment
PG&E	Pacific Gas & Electric
PM _{2.5}	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to 10 microns
project	Idaho-Maryland Mine Project
REL	reference exposure level
TAC	toxic air contaminant
µg/m ³	microgram per cubic meter
UTM	Universal Transverse Mercator
VMT	vehicle miles traveled

Summary

The purpose of this Health Risk Assessment (HRA) is to determine the potential cancer risk and noncancer health impacts to existing sensitive receptors in proximity to the proposed Idaho-Maryland Mine Project (project) due to toxic air contaminant (TAC) emissions resulting from construction and operation of the project.

Air dispersion modeling was conducted using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 19191 and the Hotspots Analysis and Reporting Program Version 2 (HARP2) Version 19121. The Northern Sierra Air Quality Management District's (NSAQMD) Guidelines for Assessing and Mitigating Air Quality Impacts of Land Use Projects (NSAQMD 2019) and the Office of Environmental Health Hazard Assessment's (OEHHA's) Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015 (OEHHA 2015) were used to prepare this HRA. The construction and operational TAC-emitting activities are similar for the project (e.g. diesel off-road equipment, haul trucks, etc.), so the HRA was modeled for both construction and operation occurring sequentially, rather than preparing separate HRAs. The HRA also conservatively included emergency generator use for 24 hours per day, for up to 9 days per year, during construction and operations to reflect potential power outages. For evaluating health risk, the HRA was based on the assumption that exposure from construction and operational TAC emissions would generally occur up to 20 hours per day, 7 days per week for construction and up to 24 hours per day, 7 days per week, for 30 years for operation. This is consistent with OEHHA's guidance for performing operational HRAs.¹

This HRA finds that the unmitigated project would result in potential cancer risk at the maximally exposed individual resident of 9.49 in 1 million, which would not exceed the NSAQMD threshold of 10 in 1 million. With incorporation of higher-tier engines, as included in Mitigation Measure AQ-2, the project would result in incremental cancer risk of 6.10 in 1 million. The unmitigated and mitigated chronic hazard index would be 0.15 and 0.15 at the maximally exposed individual resident, respectively, which would be below the NSAQMD threshold of 1.0. The unmitigated and mitigated acute hazard index would be 0.0003 and 0.0003 at the maximally exposed individual resident, respectively, which would be below the NSAQMD threshold of 1.0. Project health risk impacts associated with construction and operation would, thus, be less than significant.

¹ OEHHA describes cancer risk evaluations for 9-, 30-, and 70-year exposure durations in the 2015 OEHHA Guidelines, and identifies that the 9- and 30-year durations correspond to the average and high-end of residency time recommended by the EPA, with the 30-year exposure duration recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident in all HRAs (OEHHA 2015).

1 Introduction

1.1 Purpose

In support of the air quality technical report preparation for the Idaho-Maryland Mine Project (project), the Health Risk Assessment (HRA) modeling analysis was prepared to estimate health risk impacts to proximate existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction and operational activities at the project site. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the Northern Sierra Air Quality Management District (NSAQMD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses the criterion: Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

Rise Grass Valley Inc. (Rise) proposes to reinstate underground mining and ore processing of the Idaho-Maryland Mine in unincorporated Nevada County (County). The proposed facilities and operations would be located on two properties owned by Rise, referred to as the Brunswick Industrial Site and the Centennial Industrial Site. The project would consist of five primary elements:

1. Dewatering the existing underground mine workings
2. Mining existing and new underground mine workings
3. Processing gold mineralization and rock
4. Placing engineered fill at the Brunswick and Centennial Industrial Sites
5. Export of engineered fill from the Brunswick Industrial Site to support local construction projects

Rise is seeking approval of a new use permit and reclamation plan to build and operate the facilities for these project elements. This use permit and reclamation plan proposes to allow the following:

- operation of pumps and a water treatment facility to dewater the underground workings;
- construction of a water pipeline to transport treated water to an outfall located in South Fork Wolf Creek;
- construction of the necessary aboveground facilities at the Brunswick Industrial Site (e.g., headframes and hoists, surface structures, a mineral processing plant) to support underground mining and mineral processing;
- construction of a new service shaft and ventilation shaft from the underground mine to the surface at the Brunswick Industrial Site;
- underground mining, including drilling, blasting, and gold mineralization removal;
- gold mineralization and rock processing at the Brunswick Industrial Site and off-site transport of gold concentrate;
- transport of engineered fill from the Brunswick Industrial Site and placement at the Centennial Industrial Site;
- transport of engineered fill from the Brunswick Industrial Site to off-site construction projects;
- placement of engineered fill at the Brunswick Industrial Site; and

- construction of a potable water pipeline to supply residences along a portion of East Bennett Road.

The majority of aboveground facilities, the access to the underground mining, the treated-water outfall structure, and a portion of the engineered fill will be located on Rise's 119-acre Brunswick Industrial Site. Engineered fill would also be placed on Rise's 56-acre Centennial Industrial Site. Of the total 175 acres in surface land holdings, approximately 104 acres would be disturbed as a result of construction of the facilities proposed to support dewatering, mining, and processing at the Idaho-Maryland Mine. In addition, Rise owns approximately 2,585 acres of subsurface rights that encompass the historic Idaho-Maryland Mine workings and Idaho-Maryland Mine Project. Once the aboveground facilities are constructed, Rise would begin dewatering the mine, performing advanced exploration, and mining the underground workings.

Construction of the project would require the use of both stationary and mobile diesel equipment that generates TACs, primarily diesel particulate matter (DPM). There is naturally occurring asbestos and silica within the excavated rock, which may result in the release of TACs. Operation of the mine would include operation of both stationary and mobile diesel equipment that generates TACs, primarily DPM.

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (short-term) and/or chronic (long-term) noncancer health effects. A toxic substance released into the air is considered a TAC. Examples include certain aromatic and chlorinated hydrocarbons, DPM, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems, and may be experienced through either acute or chronic exposure to a given TAC.

California's air toxics control program began in 1983 with the passage of Assembly Bill 1807, the Toxic Air Contaminant Identification and Control Act, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner Bill, the California Air Resources Board (CARB) normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 187 federal hazardous air pollutants had been listed by CARB as state TACs. In April 1993, CARB added 171 substances to the state program to make the state TAC list equal to the federal list of hazardous air pollutants. In 1998, CARB designated DPM as a TAC (CARB 1998). Exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens.

The second major component of California's air toxics program, supplementing the Tanner Bill, was provided by the passage of Assembly Bill 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987. Assembly Bill 2588 currently regulates more than 600 compounds, including all of the Tanner Bill-designated TACs.

1.4 Cancer Risk

Cancer risk is defined as the increase in lifetime probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased probability in 1 million. The cancer risk

from inhalation of a TAC is estimated by calculating the inhalation (and if applicable, ingestion and dermal) dose in units of milligrams per kilogram body weight per day based on an ambient concentration in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), breathing rate, and exposure period and multiplying the dose by the inhalation cancer potency factor, expressed as (milligrams/kilogram body weight per day)⁻¹. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure, and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses, and is consistent with the current Office of Environmental Health Hazard Assessment's (OEHHA) regulatory approach. Exposure to carcinogenic TACs does not imply that the exposed individual will contract cancer; rather, the cancer risk is a probability of developing cancer if other factors (e.g., heredity, exposure to environmental or workplace risks that compromise the immune system, overall health) would result in an increased susceptibility to developing cancer.

The cancer risk calculations were performed by multiplying the predicted dispersion modeled output data by the TAC emissions and the appropriate risk values. The exposure and risk equations that were used to calculate the cancer risk at receptors from project construction and operation are integrated in HARP2, in accordance with the Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015 (2015 Risk Assessment Guidelines Manual) (OEHHA 2015).

1.5 Acute and Chronic Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu\text{g}/\text{m}^3$ divided by the reference exposure level (REL), also in units of $\mu\text{g}/\text{m}^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects on a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index.

2 Guidance and Thresholds

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which supersedes the 2003 OEHHA HRA guidance manual, was used to calculate the health risk impacts from project construction and operation. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both noncancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA guidance manual (OEHHA 2003). In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012), and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults" (OEHHA 2012). In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years, and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood (OEHHA 2015). The ASF for adults is 1. In addition to the ASFs, children have higher daily breathing rates per unit of body weight than adults. The OEHHA guidance manual considers the age-specific breathing rates in the cancer risk calculations.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home. However, for facilities with any school within the 1 in 1 million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). As a conservative assumption, the FAH for children under 16 years old was assumed to be 100% in this analysis. Cancer risk parameters, such as ASFs, daily breathing rates, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2. Accordingly, this HRA evaluates and reflects conservative, health-protective methodologies to assess health impacts to adults, as well as infants, children, and other sensitive subpopulations.

2.2 Northern Sierra Air Quality Management District Guidance

The NSAQMD's Guidelines for Assessing and Mitigating Air Quality Impacts of Land Use Projects (NSAQMD 2019) provides cancer and noncancer thresholds to assess health risk significance. The NSAQMD's current health risk thresholds are presented in Table 1.

Table 1. NSAQMD Thresholds of Significance

Factor	Threshold
Cancer	Increased cancer risk of >10.0 in 1 million
Non-Cancer	Increased noncancer risk of >1.0 Hazard Index (Chronic or Acute)

Source: NSAQMD 2019.

3 Receptors Used for Evaluating Modeled Impacts

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located are hospitals, schools, playgrounds, day care centers, and senior center (NSAQMD 2019). For the purposes of this HRA, residences are also assumed to be sensitive receptors. There are existing residences in all directions of the project site, with the nearest located north of East Bennett Road at approximately 100 feet from the project boundary. The nearest hospitals and schools to the project sites are the Sierra Nevada Memorial Hospital on Glasson Way (approximately 1,800 feet north of the Centennial Industrial Site) and the Montessori House of Children on The Burma Road (approximately 2,500 feet south of the Brunswick Industrial Site boundary). However, residential receptors are the most conservative to evaluate as discussed further in Section 4.3.

4 Modeling Methodology

4.1 Dispersion Model

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or school receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties, and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

A dispersion modeling analysis was conducted for DPM emitted from diesel vehicles and off-road equipment, as well as for TACs from fugitive dust sources on the proposed project site for the HRA to assess the health risk impacts of the project's construction and operation on proximate off-site sensitive receptors. The dispersion modeling was performed using AERMOD Version 19191, which is the model the U.S. Environmental Protection Agency (EPA) approved and NSAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project operations included the following:

- Dispersion Model:** The air dispersion model used was AERMOD, Version 19191, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.8.3. A unit emission rate (1 gram per second [g/s]) was normalized over each unique source of emissions for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and period-averaging periods. Table 2 provides detailed source parameters for modeling emissions with AERMOD. Source parameters were based on information provided by the project applicant and modeling guidance from the South Coast Air Quality Management District, Sacramento Metropolitan Air Quality Management District, San Joaquin Valley Air Pollution Control District, and EPA, where applicable (EPA 2015; SCAQMD 2008; SJVAPCD 2006; SMAQMD 2013).

Table 2. Emission Source Parameters

Source ID	Source Name	Source Type	Source Parameters
PAREA1	Concentrate Truck Loading ^a	Area Poly	Base Elevation: 2,757.64 ft Release Height: 3.0 m Emission Rate: 1 g/s Variable Emissions Scenario: 20 hours per day, 7 days per week
PAREA2	Brunswick Equipment Fugitive Dust ^b	Area Poly	Base Elevation: 2,735.34 ft Release Height: 1.0 m Emission Rate: 1 g/s

Table 2. Emission Source Parameters

			Variable Emissions Scenario: 12 hours per day, 7 days per week
PAREA3	Centennial Equipment Fugitive Dust ^b	Area Poly	Base Elevation: 2,482.19 ft Release Height: 1.0 m Emission Rate: 1 g/s Variable Emissions Scenario: 4 hours per day, 7 days per week
STCK1	Ore Processing Exhaust Fan 1 ^a	Point-capped	Base Elevation: 2,757.25 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK2	Ore Processing Exhaust Fan 2 ^a	Point-capped	Base Elevation: 2,757.09 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK3	Ore Processing Exhaust Fan 3 ^a	Point-capped	Base Elevation: 2,757.42 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK4	Ore Processing Exhaust Fan 4 ^a	Point-capped	Base Elevation: 2,757.38 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK5	Ore Processing Exhaust Fan 5 ^a	Point-capped	Base Elevation: 2,756.92 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK6	Ore Processing Exhaust Fan 6 ^a	Point-capped	Base Elevation: 2,756.28 ft Release Height: 19.51 m Emission Rate ¹ : 0.17 g/s Gas Exit Temperature: Ambient

Table 2. Emission Source Parameters

			Stack Inside Diameter: 4.86 ft Gas Exit Velocity: 5.77 m/s Gas Exit Flow Rate: 21,032.74 ft ³ /min Variable Emissions Scenario: None
STCK7	Underground Shaft ^a	Point	Base Elevation: 2,741.99 ft Release Height: 50.30 m Emission Rate: 1 g/s Gas Exit Temperature: 293.15 K Stack Inside Diameter: 23.52 ft Gas Exit Velocity: 2.34 m/s Gas Exit Flow Rate: 200,000.00 ft ³ /min Variable Emissions Scenario: None
STCK8	Generators ^a	Point-capped	Base Elevation: 2,748.39 m Release Height: 7.62 m Emission Rate: 1 g/s Gas Exit Temperature: 730.37 K Stack Inside Diameter: 1.5 ft Gas Exit Velocity: 40.86 m/s Gas Exit Flow Rate: 14,213.71 ft ³ /min Variable Emissions Scenario: None
STCK9	Brunswick Diesel Storage Tank ^c	Point-capped	Base Elevation: 2,757.74 m Release Height: 3.60 m Emission Rate: 1 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 0.003 ft Gas Exit Velocity: 0.001 m/s Gas Exit Flow Rate: 0.00 ft ³ /min Variable Emissions Scenario: None
STCK10	Centennial Diesel Storage Tank ^c	Point-capped	Base Elevation: 2,491.44 m Release Height: 3.60 m Emission Rate: 1 g/s Gas Exit Temperature: Ambient Stack Inside Diameter: 0.003 ft Gas Exit Velocity: 0.001 m/s Gas Exit Flow Rate: 0.00 ft ³ /min Variable Emissions Scenario: None
SLINE1	Parking Lot Construction ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate ² : 0.17 g/s Number of Volume Sources: 11 Variable Emissions Scenario: 12 hours per day, 6 days per week
SLINE2	Centennial Haul Truck Route ^e	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 119 Variable Emissions Scenario: 16 hours per day, 7 days per week
SLINE3	Centennial Offroad Equipment ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m

Table 2. Emission Source Parameters

			Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 259 Variable Emissions Scenario: 4 hours per day, 7 days per week
SLINE4	Brunswick Offroad Equipment ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 65 Variable Emissions Scenario: 12 hours per day, 7 days per week
SLINE5	Potable Water Line Construction ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 82 Variable Emissions Scenario: 8 hours per day, 6 days per week
SLINE6	Brunswick Haul Trucks ^e	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 27 Variable Emissions Scenario: 16 hours per day, 7 days per week
SLINE7	Building Construction ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate ² : 0.03 g/s Number of Volume Sources: 2 Variable Emissions Scenario: 12 hours per day, 6 days per week
SLINE8	Building Construction ^d	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate ² : 0.75 g/s Number of Volume Sources: 44 Variable Emissions Scenario: 12 hours per day, 6 days per week
SLINE9	Haul Trucks Offsite ^e	Line Volume	Plume Height: 25.00 m Plume Width: 25.00 m Release Height: 5.00 m Emission Rate: 1 g/s Number of Volume Sources: 158 Variable Emissions Scenario: 16 hours per day, 7 days per week
VOL1	Building Construction ^d	Volume	Length of Side: 25.00 m Initial Lateral Dimension: 5.81 m Initial Vertical Dimension: 1.16 m Release Height: 5.00 m Emission Rate ² : 0.02 g/s

Table 2. Emission Source Parameters

			Variable Emissions Scenario: 12 hours per day, 6 days per week
VOL2	Building Construction ^d	Volume	Length of Side: 25.00 m Initial Lateral Dimension: 5.81 m Initial Vertical Dimension: 1.16 m Release Height: 5.00 m Emission Rate: 0.02 g/s Variable Emissions Scenario: 12 hours per day, 6 days per week

Sources: ^a project applicant; ^b SCAQMD 2008; ^c SJVAPCD 2006; ^d SMAQMD 2013; ^e EPA 2015.

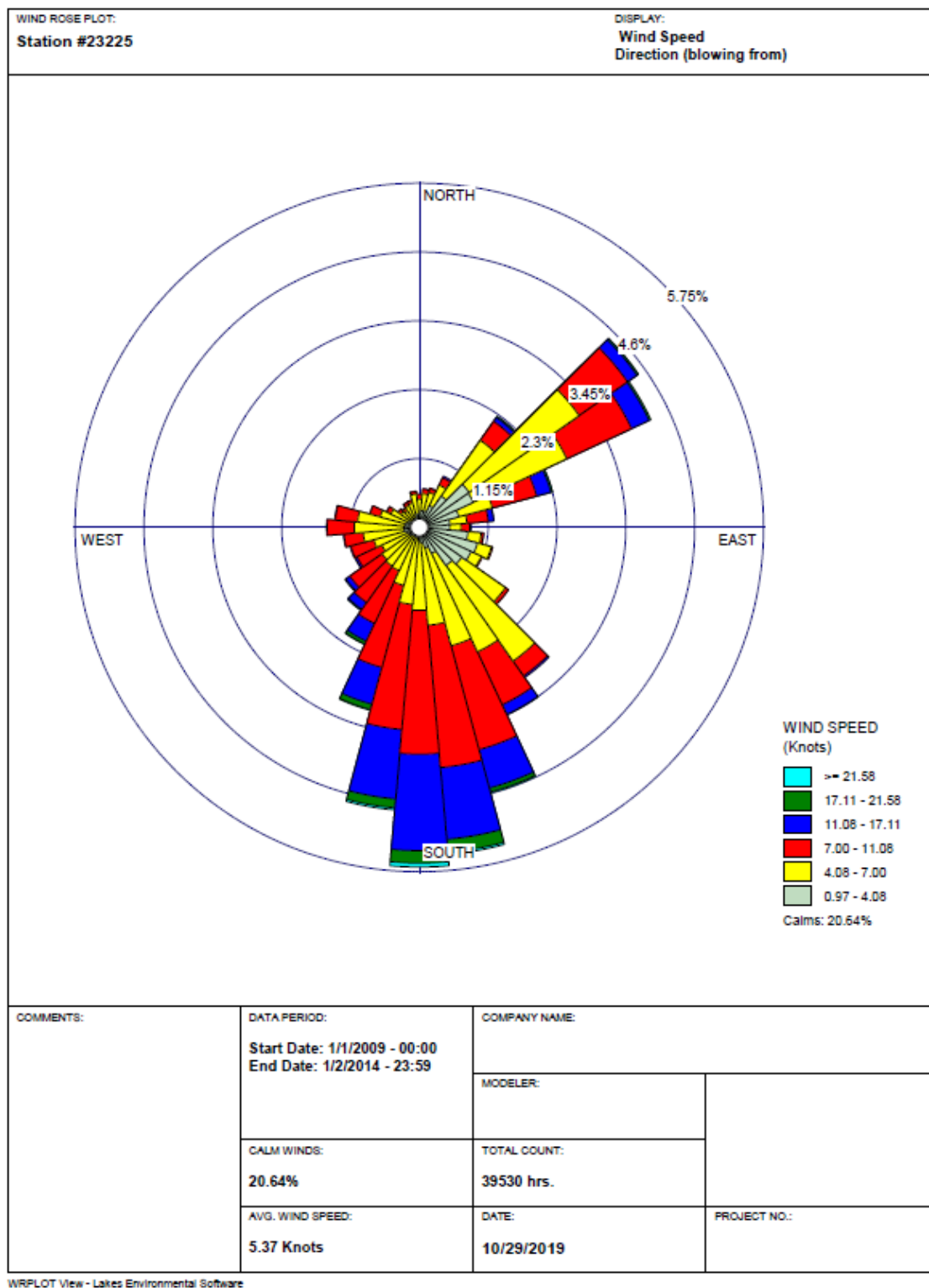
Notes: ft = feet; ft³/min = cubic feet per minute; ft/s = feet per second; g/s = grams per second; ID = Identification; K = degrees Kelvin; m = meters; and UTM = Universal Transverse Mercator.

¹ Emission rate of 1 g/s was divided equally between the six vents, since they have identical source parameters and emissions.

² An emission rate of 1 g/s was divided equally between the number of volume sources within the construction sources modeled.

- **Meteorological Data:** The nearest stations with processed meteorological data for use in AERMOD are Blue Canyon (17 miles away), Auburn (18 miles away), and Beale (22 miles away). Blue Canyon was selected since it is the closest station and is the most representative of the project site. The latest 6-year meteorological data (2009–2014) for the Blue Canyon – Nyack Airport were downloaded from CARB, and then input to AERMOD. A wind rose is provided for this station in Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The rural dispersion option was selected based on the predominant development within 2 kilometers of the project site.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** This HRA evaluates the risk to existing sensitive (including residential) receptors located in proximity to the project site. Discrete cartesian receptors were placed at residents proximate to the project site. A uniform Cartesian grid of 4,426 by 3,299 meters was centered over the project site to capture the maximum point of impact and extent of the plume isopleth.
- **Source Release Scenario:** Emissions during construction and operation were conservatively assumed to operate up to 24 hours per day, 365 days per year. Emission source specific variable emission scalars were used for those sources not operating 24 hours per day, 365 days per year, as shown in Table 2.
- **Buildings:** The project's buildings were imported into AERMOD from the applicant's GIS dataset. Appropriate building heights were assigned where available.

Figure 1. Wind Rose of Meteorological Data



4.2 Emission Calculations

Construction Emission Calculations

Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by Rise. For purposes of estimating project emissions, construction of the project is anticipated to occur over approximately 12 months. Construction is assumed to take place from January 2021 through December 2021. The actual construction period will depend on numerous factors including permitting timelines and economic factors. The analysis contained herein is based on the assumptions summarized in Table 3, Construction Scenario Assumptions, and Table 4, Construction On-Road Vehicle Trip Assumptions.

Table 3. Construction Off-Road Equipment Assumptions

Construction Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
Project management, engineers, surveyors	1/2021 – 12/2021	N/A	N/A	N/A	N/A	6
Foundation and concrete contractor	1/2021 – 12/2021	Walk behind compactor	Diesel	1	1	6
		Concrete saw	Diesel	1	2	6
Grading and paving contractor	1/2021 – 12/2021	Dozer	Diesel	1	4	6
		Grader	Diesel	1	4	6
		Excavator	Diesel	1	4	6
		Front-end loader	Diesel	1	4	6
		Roller compactor	Diesel	1	4	6
		Paving equipment	Diesel	1	2	6
Building contractor	1/2021 – 12/2021	Skid steer/ forklift	Diesel	3	6	6
		Manlift	Diesel	1	6	6
		Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Crane	Diesel	1	4	6
Ironworkers (headframes)	2/2021 – 3/2021 & 11/2021 – 12/2021	Forklift	Diesel	2	4	6
		Crane	Diesel	1	4	6
Electrical and mechanical contractors	1/2021 – 12/2021	Skid steer/ forklift	Diesel	3	6	6
		Manlift	Diesel	1	6	6
		Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Crane	Diesel	1	2	6
Potable water installation	2/2021 – 5/2021	Portable generator/ welder	Diesel	3	6	6
		Forklift	Diesel	2	4	6
		Excavator	Diesel	1	8	6

Table 3. Construction Off-Road Equipment Assumptions

Construction Phase	Schedule (Month/Year)	Equipment				
		Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
		Concrete saw	Diesel	1	4	6
		Front-end loader	Diesel	1	4	6
		Roller compactor	Diesel	1	4	6
		Paving equipment	Diesel	1	4	6
PG&E power line work	7/2021 – 9/2021	Forklift	Diesel	2	4	6
		Manlift	Diesel	1	6	6
		Crane	Diesel	1	4	6
Underground shaft contractors	4/2021 – 12/2021	LHD units	Diesel	2	20	7
		Personnel all-terrain vehicles	Diesel	2	12	7
		Emergency Generators	Diesel	2		
Raise bore contractor	8/2021 – 9/2021	Raise bore machine	Electric	1	18	7
Underground construction	9/2021 – 12/2021	Mine air compressor	Electric	1	10	7
		Locomotives	Electric	2	12	7
		Main ventilation fans	Electric	1	24	7
		Booster ventilation fans	Electric	2	24	7
		Auxiliary ventilation fans	Electric	3	24	7
		Brunswick shaft hoist	Electric	1	8	7
Mine dewatering	6/2021 – 11/2021	Main pump 1300 L	Electric	2	24	7
		Main pump 2300 L	Electric	2	24	7
		Main pump 3280 L	Electric	2	24	7
		Face pumps	Electric	3	16	7
		Water treatment plant	Electric	1	24	7

Notes: PG&E = Pacific Gas & Electric

See Appendix A of Rise Grass Valley Inc. 2020 for details.

Table 4. Construction On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
<i>Project management, engineers, surveyors</i>					
Workers	16.8	12	202	3,744	62,899
Pickup Trucks	15	8	120	2,496	37,440
<i>Foundation and concrete contractor</i>					
Workers	16.8	16	269	4,992	83,866

Table 4. Construction On-Road Vehicle Trip Assumptions

Project Vehicle	Trip Length (miles)	Maximum Daily Trips (trips/day)	Maximum Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
Pickup Trucks	15	8	120	2,496	37,440
Concrete Trucks	5	2	10	624	3,120
Grading and paving contractor					
Workers	16.8	12	202	3,744	62,899
Water Trucks	10	2	20	624	6,240
Haul Trucks	5	2	10	624	3,120
Building contractor					
Workers	16.8	20	336	6,240	104,832
Pickup Trucks	15	8	120	2,496	37,440
Ironworkers (headframes)					
Workers	16.8	16	269	800	13,440
Pickup Trucks	15	8	120	400	6,000
Electrical and mechanical contractors					
Workers	16.8	20	336	6,240	104,832
Pickup Trucks	15	8	120	2,496	37,440
Potable water installation					
Workers	16.8	12	202	1,224	20,563
Water Trucks	10	2	20	204	2,040
Haul Trucks	20	2	40	204	4,080
PG&E power line work					
Workers	16.8	10	168	780	13,104
Haul Trucks	20	2	40	156	3,120
Underground shaft contractors					
Workers	16.8	10	168	2,740	46,032
Raise bore contractor					
Workers	16.8	8	134	480	8,064
Underground construction					
Workers	16.8	10	168	1,210	20,328
Mine Dewatering					
Workers	16.8	N/A	N/A	N/A	N/A

Notes: N/A = not applicable; VMT = vehicle miles traveled

See Appendix A of Rise Grass Valley Inc. 2020 for details.

Pickup trucks would be used on-site, with a conservative trip length of 15 miles.

Concrete and asphalt haul truck trip distance of 5 miles is based on purchasing the materials locally.

All other trip lengths are based on the CalEEMod default rural trip lengths for NSAQMD, which the applicant determined were appropriate for the project.

The TAC emissions inventory was developed based on the assumptions above. Sources of air pollutant emissions would include exhaust from off-road equipment, on-road vehicles (i.e., trucks and worker vehicles), as well as fugitive dust associated with grading and material handling (total of 233,000 cubic yards of cut and 242,500 cubic yards of fill). Emission factors for these sources were incorporated into a spreadsheet model and include the CARB OFFROAD2011 model for diesel-fueled off-road equipment and the CARB Mobile Source Emissions Inventory Model (EMFAC, version 2017) model for on-road vehicles. Notably, in addition to the typical day-to-day construction equipment listed in Table 3, two 2,655 horsepower diesel generators could be required as emergency backup for line power during construction. For purposes of the HRA, during line power outages, the emergency generators were assumed to operate for up to 24 hours per day, for 9 days per year, as a reasonable estimate based on the Public Safety Power Shutoffs in recent years (CPUC n.d.). Emissions for the generators were estimated based on the exhaust emission data sheets for the representative Cummins model QSK60-G17. The diesel generators are Tier 4 final engines that are EPA certified for a particulate matter emissions factor of 0.00 grams per horsepower-hour. However, to be conservative, an emission factor of 0.004 grams per horsepower-hour was used in place of the certified value, assuming the certified 0.00 was due to rounding. Emissions of asbestos and silica were estimated based off the fugitive dust composition and generation. Detailed assumptions and emission factors are included in Appendix A of the Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Idaho-Maryland Mine Project, Nevada County, California (Rise Grass Valley Inc. 2020). Table 5 shows the estimated TAC emissions during construction.

Table 5. Project Annual On-Site Construction Emissions

	DPM	Asbestos	Silica
Year	<i>Tons per year</i>		
<i>Unmitigated Construction</i>			
2021	0.27	0.00002	0.25
<i>Mitigated Construction¹</i>			
2021	0.08	0.00002	0.25

Notes: DPM = diesel particulate matter.

¹ Mitigated emissions include implementation of Mitigation Measure AQ-2.

As shown in Section 5, Health Risk Results, the results of the HRA using the unmitigated emissions would result in a potentially significant impact. As such, the following mitigation measure (MM) is included to reduce DPM emissions from construction equipment:

MM-AQ-2: Construction Exhaust Emissions Minimization Plan. Rise Grass Valley Inc., or its designee, shall submit a Construction Exhaust Emissions Minimization Plan to Nevada County or its designated representative for review and approval. The Construction Exhaust Emissions Minimization Plan shall detail project compliance with the following requirements:

- Where access to alternative sources of power and alternative-fueled equipment are feasible and available, portable diesel engines shall be prohibited.
- All diesel-powered equipment with engines equal to or greater than 50 horsepower (hp) shall be powered by California Air Resources Board (CARB) certified Tier 4 Final engines. If 50 hp or greater engines that comply with Tier 4 Final emissions standards are not commercially available, then the project applicant shall ensure that all diesel-powered equipment equal to or greater than 25 hp will have at least CARB-certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies available for the engine type, such as Level 3 Diesel Particulate Filters (Tier 4 engines automatically meet this requirement).

- a. For purposes of this mitigation measure, “commercially available” shall mean the availability of the Tier 4 Final equipment, taking into consideration factors such as critical path timing of construction and geographic proximity of the equipment location to the project site.
- b. The project applicant shall maintain and submit records to Nevada County concerning its efforts to comply with this requirement.

Operational Emissions Calculations

Sources of air pollutant emissions generated during normal project operations would include off-road equipment (surface and underground), on-road vehicles, underground blasting and crushing, ore processing, reagent storage, fuel tank storage, earthwork and material handling, architectural coatings for repainting, and worker consumer products. In regards to for long-term operations, engineered fill would be trucked to the Centennial Industrial Site, a pad at the Brunswick Industrial Site, and off-site to support local construction projects. Although the following sequence could change, for purposes of this air quality analysis and to present a reasonable and conservative evaluation, three periods were assessed based on assumptions of where and when the engineered fill would be routed:

- Years 2022–2026: Fill placement at Centennial Industrial Site
- Years 2027–2032: Fill placement at Brunswick Industrial Site
- Years 2033–2102: Fill placement at off-site location

These scenarios affect the trip length of haul trucks, and the localized generation of exhaust and fugitive dust from off-road equipment and material handling. Assumptions incorporated in the spreadsheet modeling are detailed in Appendix A of the Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Idaho-Maryland Mine Project, Nevada County, California (Rise Grass Valley Inc. 2020), summarized below, and are based on project information provided by Rise.

Off-Road Equipment. Operational equipment is summarized in Table 6, Operational Off-Road Equipment Assumptions. Emission factors for these sources were incorporated into a spreadsheet model and include the CARB OFFROAD2011 model for diesel-fueled off-road equipment. Notably, all diesel equipment owned by Rise would be equipped with Tier 4 Final engines.

Table 6. Operational Off-Road Equipment Assumptions

Location	Equipment				
	<i>Equipment Type</i>	<i>Fuel</i>	<i>Quantity</i>	<i>Usage Hours Per Day</i>	<i>Days Per Week</i>
Brunswick Industrial Site (Underground)	Jumbo drill carrier	Diesel	3	4	7
	LHD units	Diesel	6	20	7
	Personnel all-terrain vehicles	Diesel	10	12	7
	Longhole drill	Electric	3	18	7
	Diamond core drills	Electric	4	20	7
	Locomotives	Electric	10	12	7
	Main pump 1300 L	Electric	1	24	7

Table 6. Operational Off-Road Equipment Assumptions

Location	Equipment				
	Equipment Type	Fuel	Quantity	Usage Hours Per Day	Days Per Week
	Main pump 2300 L	Electric	1	24	7
	Main pump 3280 L	Electric	1	24	7
	Face pumps	Electric	10	16	7
	Booster ventilation fans	Electric	2	24	7
	Auxiliary ventilation fans	Electric	10	24	7
	Jaw crusher	Electric	3	8	7
	Lighting	Electric	100	24	7
Brunswick Industrial Site (Surface)	Skid steer / forklift	Diesel	3	12	7
	Manlift	Diesel	1	6	7
	Rough Terrain Crane (50 ton)	Diesel	1	12	7
	Portable generator / welder	Diesel	3	8	7
	Mine air compressor	Electric	1	24	7
	Main ventilation fans	Electric	3	24	7
	Service shaft hoist	Electric	1	14	7
	Brunswick shaft hoist	Electric	1	8	7
	Water treatment plant	Electric	1	24	7
Engineered Fill Placement: Centennial Industrial Site and Brunswick Industrial Site	Dozer	Diesel	1	4	5
	Grader	Diesel	1	4	5
	Excavator	Diesel	1	4	5
	Front-end loader	Diesel	1	4	5
	Mobile tire pressure washer	Diesel	1	3	5
	Mobile auger blending plant	Diesel	1	4	5

Notes: See Appendix A of Rise Grass Valley Inc. 2020 for details.

On-Road Vehicles. The project would generate TACs from mobile sources (vehicular traffic) as a result of employee passenger vehicles (workers) and truck traffic associated with operation of the mine. Emissions from the mobile sources during operation of the project were estimated using a spreadsheet-based model and emission factors from CARB EMFAC2017. Emissions calculation equations and assumptions were primarily derived from the California Emissions Estimator Model (CalEEMod). The key factors in the mobile source emissions calculations were number of trips, trip lengths, vehicle categorization, and emissions factors for each vehicle, which are described below.

Trips were estimated for each type of project vehicle and for each operational scenario (beginning in 2022, 2027, and 2033) based on information provided by the applicant. Each employee and truck was assumed to generate two one-way trips. Employees are anticipated to be on site 365 days per year; however, estimated daily employees during the week is 178, and estimate weekend employees is 134. As such, 178 employees were assumed to estimate maximum daily emissions, and the annual emissions were estimated based on the estimated weekdays and weekend days in 1 year and the respective employee estimate. For haul trucks, estimated maximum daily trips were multiplied by 365 days to estimate annual trips. For all other trucks, daily emissions were estimated based on the anticipated maximum daily truck trips, and annual emissions were estimated based on anticipated average trips per week multiplied by 52 weeks per year. Trip lengths were based on information provided by the applicant. The anticipated average trip length, trips per day, vehicle miles traveled (VMT) per day, trips per year, and VMT per

year by project vehicle category in 2022, 2027, and 2033 are shown in Table 7, Operations On-Road Vehicle Trip Assumptions.

Table 7. Operations On-Road Vehicle Trip Assumptions

Project Vehicle	Average Daily Trip Length (miles)	Average Daily Trips (trips/day)	Average Daily VMT (VMT/day)	Annual Trips (trips/year)	Annual VMT (VMT/year)
<i>Year 2022 to Year 2026 – Engineered Fill to Centennial</i>					
Engineered Fill Haul Trucks	1.8	200	360	36,500	65,700
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584
<i>Year 2027 to Year 2032 – Engineered Fill to Brunswick Site</i>					
Engineered Fill Haul Trucks	0.25	200	50	36,500	9,125
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584
<i>Year 2033 to Year 2102 – Engineered Fill to Other Customers</i>					
Engineered Fill Haul Trucks	15.5	200	3,100	36,500	565,750
Freight Trucks	60	6	360	312	18,720
Concentrate Trucks	145	10	1,450	728	105,560
Fuel Trucks	3.5	6	21	108	378
Cement Trucks	60	4	240	936	56,160
Explosives Trucks	60	2	120	104	6,240
Outside Services (light vehicles)	5	8	40	2,184	10,920
Employees	14.7	356	5,233	120,788	1,775,584

Notes: VMT = vehicle miles traveled

For 2022, a haul truck trip length of 1.8 miles was assumed based on the estimated distance from the Brunswick Industrial Site to Centennial Industrial Site.

For 2027, a haul truck trip length of 0.25 miles was assumed based on the estimated distance from the ore processing facility to the engineered fill drop-off area on the Brunswick Industrial Site.

For 2033, haul truck trip length of 15.5 miles was assumed based on the estimated distance from the Brunswick Industrial Site to various other customers.

Fuel assumed to be trucked from Robinson Fuels Cardlock a distance of approximately 3.5 miles from the Brunswick Site.

Freight, cement, and explosives trucks were assumed to have an average 60-mile distance assuming that these materials would come from distribution facilities in Sacramento California.

Outside Services expected to be within a 5 mile driving distance from site which includes Grass Valley, Nevada City, and Nevada County Airport industrial Area.

Concentrate truck trip distance of 145 miles is based on the distance between the project site and the Port of Oakland.

The average employee trip length of 14.7 miles is based on the CalEEMod default rural trip length for NSAQMD, which the applicant determined was consistent with the anticipated trip length for employees.

Emission factors for trucks and passenger vehicles were determined using EMFAC2017, which generates emission factors expressed in grams per mile, grams per trip, and grams per vehicle per day for the fleet in a class of motor vehicles within a county for a particular study year. For this analysis, NSAQMD was selected for the region, and calendar years 2022, 2027, and 2033 were selected in EMFAC to represent the different operational scenarios based on engineered fill destination. For each vehicle emission factor, aggregated values for model year and speed were assumed, with the exception of the haul trucks, where a specific speed was assumed for the 2027 scenario. For the 2027 scenario, haul trucks were assumed to travel from the ore processing facility to the engineered fill drop-off area on the Brunswick Industrial Site, and were estimated to travel at 20 miles per hour.

A composite, or weighted-average, emission factor was developed for project vehicle types if more than one vehicle category in EMFAC is anticipated to be representative of the project vehicle. The composite emission factors are weighted by VMT, population, or trips, depending on the emissions process, which is the physical mechanism that results in the emission of a pollutant. For employee vehicles, the composite emission factor represents the weighted average emission rate for passenger vehicles (light-duty automobiles), light-duty trucks (LDT1, 0–3,750 pounds), light-duty trucks (LDT2, 3,751–5,750 pounds), and the percentage of diesel-fueled vehicles. All haul trucks, freight trucks, explosive trucks, and concentrate trucks were assumed to be heavy-heavy-duty trucks that are diesel-fueled. The fuel trucks and cement delivery trucks were assumed to be medium-heavy-duty trucks that are diesel-fueled. The outside services light vehicles were assumed to be a composite of light-duty vehicles and trucks (LDT1, LDT2, LHDT1 [8,501–10,000 pounds], and LHDT2), and a fraction of diesel-fueled.

Underground Blasting and Crushing. Ore production through tunneling and long-hole blasting produces 1,000 tons per a day (365,000 tons per year) of ore. The ore may be reduced in size using an underground jaw crusher before hoisting it to the surface. For this analysis, it was assumed that approximately 0.93 tons of ammonia nitrate fuel oil and 257 detonators would be used daily, and that all ore would be crushed underground. Emission factors from EPA's AP-42: Compilation of Air Emission Factors were used to estimate emissions for ammonia nitrate fuel oil (AP-42 Chapter 13.3 – Explosives Detonation), detonators (AP-42 Chapter 15.9 – Blasting Caps, Demolition Charges, and Detonators), and crushing (AP-42 Chapter 11.19.2 – Crushed Stone Processing and Pulverized Mineral Processing). The TAC emissions associated with blasting and crushing would include asbestos and silica emitted from the ore produced. Lab sampling showed that 98.6% of the ore processed would be andesite rock with an assumed 60% silica content. The asbestos content was assumed to be 0.0054% of the total ore processed based on lab results.

Ore Processing. Ore hoisted from the Brunswick shaft would be placed in the existing concrete silo located on the Brunswick Industrial Site and then transported using chutes and enclosed conveyors to a fully enclosed ore processing plant. Ore would be conveyed from the silo to inside the processing plant and grinding mill where water would be added and the ore ground to size before the gold is recovered. A gravity concentrator is in the grinding circuit to recover approximately 70% of the gold. The slurry of ore and water that results from this process would be pumped to a second gold recovery system, sulfide flotation, where the remaining recoverable gold is captured in a sulfide mineral concentrate. Each method would remove gold from the ore into a concentrate. The gold concentrate would be dewatered using thickeners and filter presses before it is bagged for off-site shipment. The gravity gold concentrate may be further concentrated on site using gravity and water to create gold doré bars. Approximately 20 tons of gold concentrate would be produced and bagged on site per day. Sand tailings (waste)

from the gold recovery process would be dewatered and used for either backfill for the underground mine or stockpiled for transport and used as engineered fill. Emission factors from EPA's AP-42: Compilation of Air Emission Factors were used to estimate emissions of particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀) and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}) for conveyance/transfer, screening, and grinding of the ore in the processing building (AP-42 Chapter 11.19.2 – Crushed Stone Processing and Pulverized Mineral Processing). Based on the PM₁₀ emissions estimated and the lab sample results, emissions of asbestos and silica were estimated for purposes of this HRA.

Fuel Tank Storage. Volatile organic compound emissions from breathing, and working losses associated with the aboveground diesel storage tanks were estimated using the EPA TANKS model (version 4.09d). It was assumed that a 30,000-gallon tank and 1,200-gallon tank would be located at the Brunswick and Centennial Industrial Site, respectively. TAC emissions from diesel storage include benzene, hexane, toluene, and 2,2,4-trimethylpentane.

Diesel Generators. In addition to the typical day-to-day operational off-road equipment listed in Table 6, four 2,655 horsepower diesel generators would be installed as emergency backup for Pacific Gas & Electric (PG&E) line power outages during operations. For purposes of the air quality analysis, during power outages, the emergency generators were assumed to operate for 24 hours per day, for up to 9 days per year, as a conservative estimate based on the 2019 Public Safety Power Shutoffs (CPUC n.d.). Emissions for the generators were estimated based on the exhaust emission data sheets for the representative Cummins model QSK60-G17, which are Tier 4 Final engines.

Earthwork and Material Handling. Barren rock hoisted from the Brunswick shaft will be placed in the existing concrete silo located at the Brunswick Industrial Site. The barren rock will be transported from the concrete silo using a series of chutes and conveyors to a fully enclosed truck loading building. Barren rock may be mixed with sands from the ore processing plant to create an engineered fill that meets appropriate geotechnical specifications for construction of development pads. Engineered fill would be transported from the ore processing facility to a receiving site, where it would be spread using a dozer and grader. Fugitive dust emissions associated with the earthwork activities (i.e., material transfers to/from trucks and fill spreading at the Centennial and Brunswick Industrial Sites) were estimated using default equations and assumptions from CalEEMod based on 1,000 tons per day material transfer and 0.5 acres per 8-hour day potential disturbance associated with each dozer and grader. Notably, for fill transported to other off-site industrial sites (for 2033 and beyond), only fugitive dust from the transfer of the 1,000 tons of fill into trucks at the ore processing facility was included in the emission inventory, since it was assumed that the other industrial facilities are already receiving, or would receive, fill from another source. Similar to other fugitive dust sources on site, emissions of asbestos and silica were estimated based off the fugitive dust composition.

Overall, Table 8 summarizes the potential TAC emissions emitted during the operational phase of the project.

Table 8. Project Annual On-Site Operational TAC Emissions

Source	Pollutant (Tons per year)						
	<i>DPM</i>	<i>Asbestos</i>	<i>Silica</i>	<i>Benzene</i>	<i>Hexane</i>	<i>Toluene</i>	<i>2,2,4-Trimethylpentane</i>
2022 – 2026							
Off-Road Equipment	0.006	—	—	—	—	—	—
On-Road Vehicles	0.01	—	—	—	—	—	—

Table 8. Project Annual On-Site Operational TAC Emissions

Source	Pollutant (Tons per year)						
	<i>DPM</i>	<i>Asbestos</i>	<i>Silica</i>	<i>Benzene</i>	<i>Hexane</i>	<i>Toluene</i>	<i>2,2,4-Trimethylpentane</i>
Underground Blasting and Crushing	0.02	0.00004	0.45	—	—	—	—
Ore Processing	—	0.00002	0.22	—	—	—	—
Fuel Tank Storage	—	—	—	0.0005	0.001	0.0003	0.00009
Diesel Generators	0.01	—	—	—	—	—	—
Earthwork and Material Handling	—	0.000002	0.02	—	—	—	—
Total	0.046	0.000062	0.69	0.0005	0.001	0.0003	0.00009
2027 – 2032							
Off-Road Equipment	0.006	—	—	—	—	—	—
On-Road Vehicles	0.005	—	—	—	—	—	—
Underground Blasting and Crushing	0.02	0.00004	0.45	—	—	—	—
Ore Processing	—	0.00002	0.22	—	—	—	—
Fuel Tank Storage	—	—	—	0.0005	0.001	0.0003	0.00009
Diesel Generators	0.01	—	—	—	—	—	—
Earthwork and Material Handling	—	0.000002	0.02	—	—	—	—
Total	0.041	0.000062	0.69	0.0005	0.001	0.0003	0.00009
2033 – 2102							
Off-Road Equipment	0.004	—	—	—	—	—	—
On-Road Vehicles	0.02	—	—	—	—	—	—
Underground Blasting and Crushing	0.02	0.00004	0.45	—	—	—	—
Ore Processing	—	0.00002	0.22	—	—	—	—
Fuel Tank Storage	—	—	—	0.0005	0.001	0.0003	0.00009
Diesel Generators	0.01	—	—	—	—	—	—
Earthwork and Material Handling	—	0.000000002	0.00003	—	—	—	—
Total	0.054	0.00006	0.67	0.0005	0.001	0.0003	0.00009

Notes: TAC = toxic air contaminant; DPM = diesel particulate matter.

Reclamation

The project will complete an approximately 3-month reclamation phase once operation ceases in 2102. The emissions from the reclamation phase are minimal compared to the construction and operational phases discussed above. Reclamation will also take place beyond the 30-year exposure duration in accordance with OEHHA's 2015 guidance. As such, emissions from the reclamation phase were not included in this assessment.

4.3 Health Risk Assessment Methodology

In March 2015, the OEHHA approved the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The construction and operational HRA was prepared following the 2015 Risk Assessment Guidelines Manual. Cancer and noncancer health risk calculations were performed for the project using ground-level unity emission concentration (X/Q) input from AERMOD. This modeling established the emissions dispersion field to the existing sensitive receptors from atmospheric influence of the stationary source emissions. Plot files generated in AERMOD were then imported into HARP2, with ground level concentrations determined by multiplication of emission rates and X/Q values for each source of emissions. HARP2 then assessed resulting cancer and noncancer risk at the existing receptors from exposure to TAC emissions using the OEHHA derived calculation method.

Because the equipment used and emission profiles during construction and operation are very similar for mining projects (including the proposed project), the HRA included both short-term construction and long-term operations in the analysis. Furthermore, the HRA began risk evaluation exposure within the third trimester of pregnancy with a 30-year exposure duration, consistent with the 2015 OEHHA Guidelines.²

² OEHHA describes cancer risk evaluations for 9-, 30-, and 70-year exposure durations in the 2015 OEHHA Guidelines, and identifies that the 9- and 30-year durations correspond to the average and high-end of residency time recommended by the EPA, with the 30-year exposure duration recommended for use as the basis for estimating cancer risk at the maximally exposed individual resident in all HRAs (OEHHA 2015).

5 Health Risk Results

The cancer risk calculations were performed by multiplying the AERMOD-predicted TAC concentrations in $\mu\text{g}/\text{m}^3$ per unit grams per second due to TAC emissions from trucks, off-road equipment, underground blasting/crushing, ore processing, fuel tank storage, backup diesel generators, and material handling by the appropriate risk values. The potential exposure pathways for the TAC emissions evaluated in this HRA were based on the 2015 OEHHA guidance incorporated in HARP 2.

The maximally exposed receptor would be the nearest existing residence to the north of the Brunswick Industrial Site. Potential health risk at the maximally exposed individual resident (MEIR) resulting from construction and operational activities are shown in Table 9.

Table 9. Project Construction and Operation Total Health Risk

Receptor	Cancer Risk (persons per million)	Chronic Impact	Acute Impact
Unmitigated Construction			
Maximally Exposed Individual Resident ¹	9.49	0.15	0.0003
NSAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	No	No	No
Mitigated Construction²			
Maximally Exposed Individual Resident ¹	6.10	0.15	0.0003
NSAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	No	No	No

Source: Appendix A

Notes: NSAQMD = Northern Sierra Air Quality Management District.

TAC exposure at receptors modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 30-years.

¹ The maximally exposed individual resident for annual cancer and chronic health risk impacts is located north of the project site at UTM coordinates 671091.4 meter Easting (m E)/4342277.23 meters Northing (m N)

² Mitigated emissions include implementation of MM-AQ-2.

As shown in Table 9, the incremental cancer risk at the MEIR of 9.49 in 1 million (assuming exposure starts in third trimester) from project construction and operation would not exceed the NSAQMD threshold of 10 in 1 million without mitigation. With incorporation of higher-tier engines during construction, as included in MM-AQ-2, the project would result in an incremental cancer risk of 6.10 in 1 million. The unmitigated and mitigated chronic hazard index would be 0.15 and 0.15 at the MEIR, respectively, which would be below the NSAQMD threshold of 1.0. The unmitigated and mitigated acute hazard index would be 0.0003 and 0.0003 at the MEIR, respectively, which would be below the NSAQMD threshold of 1.0. Project health risk impacts associated with construction and operation would, thus, be less than significant.

6 Conclusions

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and NSAQMD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, the estimated cancer risks and noncancer hazard indices reported in this analysis are likely upper-bound estimates for potential exposure to project-related emissions. In addition, the estimated cancer risks and noncancer hazard indices represent the maximum exposed individual (resident) and do not represent the risk over a broad area. The actual risks of cancer or noncancer effects from the project are likely to be lower than presented herein.

Based on this analysis, project construction and operations would result in potential cancer risk that would be less than significant. The project would result in chronic and acute health risk that would be less than significant without mitigation.

7 References

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<http://www.airquality.org/LandUseTransportation/Documents/Ch3PMDispersionModelingGuidanceFINAL7-2013.pdf>.

Appendix A

HARP2 and AERMOD Output Files

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

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: VARIOUS

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

**This Run Includes: 782 Source(s); 15 Source Group(s); and 561 Receptor(s)

with: 10 POINT(s), including
9 POINTCAP(s) and 0 POINTHOR(s)
and: 769 VOLUME source(s)
and: 3 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 14134

****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) = 1608.10 ; 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 = 5.0 MB of RAM.**

```
**Input Runstream File:      aermod.inp
```

```
**Output Print File:      aermod.out
```

****Detailed Error/Message File: IMM.err**

****File for Summary of Results: IMM.sum**

```
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
```

02/24/20

*** AERMET - VERSION 14134 ***

*** 17:19:20

PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

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,

```
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
```

02/24/20

*** AERMET - VERSION 14134 ***

*** 17:19:20

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 725845\725845.SFC

Met Version: 14134

Profile file: 725845\725845.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23225

Upper air station no.: 3198

Name: UNKNOWN

Name: UNKNOWN

Year: 2009

Year: 2009

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															

09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	02	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	68.	10.0	280.4	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	07	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	75.	10.0	280.9	2.0
09	01	01	1	08	-3.3	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	0.71	0.00	0.	10.0	282.0	2.0
09	01	01	1	09	7.1	0.336	0.245	0.005	62.	468.	-403.9	1.15	0.84	0.36	1.76	7.	10.0	282.5	2.0
09	01	01	1	10	47.6	-9.000	-9.000	-9.000	192.	-999.	-99999.0	1.14	0.84	0.23	0.00	0.	10.0	283.1	2.0
09	01	01	1	11	15.7	0.353	0.471	0.005	199.	503.	-210.1	1.19	0.84	0.19	1.76	294.	10.0	283.1	2.0
09	01	01	1	12	94.9	-9.000	-9.000	-9.000	235.	-999.	-99999.0	1.14	0.84	0.17	0.00	0.	10.0	283.8	2.0
09	01	01	1	13	20.6	0.358	0.550	0.005	242.	514.	-166.5	1.19	0.84	0.17	1.76	263.	10.0	283.1	2.0
09	01	01	1	14	40.3	-9.000	-9.000	-9.000	255.	-999.	-99999.0	1.14	0.84	0.18	0.00	0.	10.0	283.1	2.0
09	01	01	1	15	49.8	0.746	0.800	0.005	308.	1545.	-623.4	1.20	0.84	0.22	3.86	192.	10.0	283.1	2.0
09	01	01	1	16	15.7	0.550	0.591	0.005	393.	1022.	-790.4	1.20	0.84	0.32	2.86	184.	10.0	282.5	2.0
09	01	01	1	17	1.1	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	0.60	0.00	0.	10.0	281.4	2.0
09	01	01	1	18	-13.6	0.158	-9.000	-9.000	-999.	150.	21.6	1.08	0.84	1.00	1.76	177.	10.0	281.4	2.0
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	20	-13.9	0.158	-9.000	-9.000	-999.	150.	21.1	1.08	0.84	1.00	1.76	147.	10.0	280.4	2.0
09	01	01	1	21	-18.2	0.387	-9.000	-9.000	-999.	578.	237.7	1.08	0.84	1.00	2.36	150.	10.0	280.4	2.0
09	01	01	1	22	-27.3	0.579	-9.000	-9.000	-999.	1056.	530.8	1.08	0.84	1.00	3.36	172.	10.0	279.9	2.0
09	01	01	1	23	-31.7	0.672	-9.000	-9.000	-999.	1319.	715.6	1.08	0.84	1.00	3.86	170.	10.0	279.9	2.0
09	01	01	1	24	-36.1	0.764	-9.000	-9.000	-999.	1599.	922.1	1.08	0.84	1.00	4.36	160.	10.0	278.8	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	280.4	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFault CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID			

SRCGP1 1ST HIGHEST VALUE IS 65.24062 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
 2ND HIGHEST VALUE IS 25.90810 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
 3RD HIGHEST VALUE IS 12.88981 AT (670895.36, 4342025.43, 820.91, 898.80, 0.00) DC
 4TH HIGHEST VALUE IS 12.66432 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
 5TH HIGHEST VALUE IS 12.45630 AT (670979.02, 4341915.15, 823.46, 900.47, 0.00) DC
 6TH HIGHEST VALUE IS 11.66970 AT (671025.82, 4342265.68, 860.15, 866.96, 0.00) DC
 7TH HIGHEST VALUE IS 8.83756 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
 8TH HIGHEST VALUE IS 8.19121 AT (670815.50, 4342198.45, 825.35, 891.99, 0.00) DC
 9TH HIGHEST VALUE IS 7.63027 AT (670817.40, 4342040.64, 818.08, 898.63, 0.00) DC
 10TH HIGHEST VALUE IS 7.48527 AT (670804.51, 4341935.76, 827.94, 898.49, 0.00) DC

SRCGP2 1ST HIGHEST VALUE IS 22.62057 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
 2ND HIGHEST VALUE IS 9.60411 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
 3RD HIGHEST VALUE IS 6.36988 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
 4TH HIGHEST VALUE IS 4.85250 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
 5TH HIGHEST VALUE IS 4.59417 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
 6TH HIGHEST VALUE IS 4.58365 AT (671635.08, 4341706.42, 854.34, 892.11, 0.00) DC
 7TH HIGHEST VALUE IS 4.50928 AT (671613.74, 4341791.15, 861.35, 892.77, 0.00) DC
 8TH HIGHEST VALUE IS 4.45471 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
 9TH HIGHEST VALUE IS 4.44135 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
 10TH HIGHEST VALUE IS 4.28445 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC

SRCGP3 1ST HIGHEST VALUE IS 10.11167 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
 2ND HIGHEST VALUE IS 8.52388 AT (671025.82, 4342430.64, 851.38, 896.72, 0.00) DC
 3RD HIGHEST VALUE IS 8.08381 AT (669697.96, 4343255.44, 805.69, 861.56, 0.00) DC
 4TH HIGHEST VALUE IS 7.42514 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
 5TH HIGHEST VALUE IS 7.24003 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
 6TH HIGHEST VALUE IS 6.53839 AT (670140.58, 4343255.44, 825.59, 867.32, 0.00) DC
 7TH HIGHEST VALUE IS 6.29245 AT (669919.27, 4343255.44, 819.59, 863.68, 0.00) DC
 8TH HIGHEST VALUE IS 6.15958 AT (669303.36, 4343304.09, 778.29, 850.55, 0.00) DC
 9TH HIGHEST VALUE IS 6.02266 AT (671051.75, 4342369.20, 860.59, 891.64, 0.00) DC
 10TH HIGHEST VALUE IS 5.61186 AT (671025.82, 4342595.60, 854.50, 913.36, 0.00) DC

SRCGP4 1ST HIGHEST VALUE IS 7.75825 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
 2ND HIGHEST VALUE IS 7.37942 AT (669222.73, 4343235.22, 773.04, 850.78, 0.00) DC
 3RD HIGHEST VALUE IS 6.27596 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
 4TH HIGHEST VALUE IS 6.26821 AT (668918.71, 4343025.26, 775.23, 775.23, 0.00) DC
 5TH HIGHEST VALUE IS 5.83025 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
 6TH HIGHEST VALUE IS 5.41771 AT (668686.91, 4343199.95, 766.73, 769.00, 0.00) DC
 7TH HIGHEST VALUE IS 5.36328 AT (668733.94, 4343302.41, 759.97, 819.41, 0.00) DC
 8TH HIGHEST VALUE IS 4.92907 AT (669336.95, 4343151.23, 777.30, 861.74, 0.00) DC
 9TH HIGHEST VALUE IS 4.87429 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
 10TH HIGHEST VALUE IS 4.60549 AT (668806.17, 4343001.74, 769.84, 787.98, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID

SRCGP5 1ST HIGHEST VALUE IS 6.93878 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
2ND HIGHEST VALUE IS 4.61973 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
3RD HIGHEST VALUE IS 4.29208 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
4TH HIGHEST VALUE IS 4.07386 AT (671635.08, 4341706.42, 854.34, 892.11, 0.00) DC
5TH HIGHEST VALUE IS 3.68763 AT (671613.74, 4341791.15, 861.35, 892.77, 0.00) DC
6TH HIGHEST VALUE IS 3.43233 AT (671673.48, 4341630.23, 845.73, 909.80, 0.00) DC
7TH HIGHEST VALUE IS 3.04022 AT (671689.75, 4341605.84, 840.95, 913.26, 0.00) DC
8TH HIGHEST VALUE IS 2.75428 AT (671693.59, 4341710.08, 852.82, 892.74, 0.00) DC
9TH HIGHEST VALUE IS 2.70512 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
10TH HIGHEST VALUE IS 2.65678 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00) DC

SRCGP6 1ST HIGHEST VALUE IS 10.17360 AT (670361.89, 4342430.64, 813.60, 900.07, 0.00) DC
2ND HIGHEST VALUE IS 8.62322 AT (670583.20, 4342265.68, 820.57, 889.17, 0.00) DC
3RD HIGHEST VALUE IS 7.92828 AT (670545.53, 4342318.58, 825.27, 889.17, 0.00) DC
4TH HIGHEST VALUE IS 7.85839 AT (669697.96, 4342595.60, 799.08, 886.55, 0.00) DC
5TH HIGHEST VALUE IS 7.72759 AT (670140.58, 4342595.60, 816.43, 889.17, 0.00) DC
6TH HIGHEST VALUE IS 7.42869 AT (669919.27, 4342595.60, 793.60, 889.17, 0.00) DC
7TH HIGHEST VALUE IS 7.36639 AT (669476.65, 4342760.56, 782.28, 886.55, 0.00) DC
8TH HIGHEST VALUE IS 7.11476 AT (670815.50, 4342198.45, 825.35, 891.99, 0.00) DC
9TH HIGHEST VALUE IS 7.02031 AT (670695.71, 4342235.89, 834.44, 889.17, 0.00) DC
10TH HIGHEST VALUE IS 6.29223 AT (670039.70, 4342661.10, 814.26, 889.17, 0.00) DC

SRCGP7 1ST HIGHEST VALUE IS 8.27430 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
2ND HIGHEST VALUE IS 7.92852 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
3RD HIGHEST VALUE IS 7.68476 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00) DC
4TH HIGHEST VALUE IS 7.15154 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
5TH HIGHEST VALUE IS 5.97758 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
6TH HIGHEST VALUE IS 5.96131 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
7TH HIGHEST VALUE IS 5.66116 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
8TH HIGHEST VALUE IS 5.40541 AT (670979.02, 4341915.15, 823.46, 900.47, 0.00) DC
9TH HIGHEST VALUE IS 5.34255 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
10TH HIGHEST VALUE IS 5.30984 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00) DC

SRCGP8 1ST HIGHEST VALUE IS 117.80026 AT (669098.44, 4343411.59, 760.06, 826.15, 0.00) DC
2ND HIGHEST VALUE IS 101.37076 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00) DC
3RD HIGHEST VALUE IS 46.32002 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
4TH HIGHEST VALUE IS 23.20107 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
5TH HIGHEST VALUE IS 13.14767 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
6TH HIGHEST VALUE IS 11.24168 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
7TH HIGHEST VALUE IS 9.64715 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00) DC
8TH HIGHEST VALUE IS 8.24380 AT (669255.34, 4343420.40, 764.67, 853.55, 0.00) DC
9TH HIGHEST VALUE IS 7.35862 AT (669034.03, 4343585.36, 785.47, 819.81, 0.00) DC

10TH HIGHEST VALUE IS 6.34447 AT (668812.72, 4343585.36, 776.62, 819.81, 0.00) DC
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID			

SRCGP9	1ST HIGHEST VALUE IS	1.76454 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
	2ND HIGHEST VALUE IS	1.54516 AT (671051.75, 4342332.07, 862.96, 887.54, 0.00) DC
	3RD HIGHEST VALUE IS	1.39590 AT (671051.75, 4342369.20, 860.59, 891.64, 0.00) DC
	4TH HIGHEST VALUE IS	1.37287 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
	5TH HIGHEST VALUE IS	1.34609 AT (671025.82, 4342265.68, 860.15, 866.96, 0.00) DC
	6TH HIGHEST VALUE IS	1.15549 AT (671025.82, 4342430.64, 851.38, 896.72, 0.00) DC
	7TH HIGHEST VALUE IS	0.96583 AT (670953.04, 4342360.76, 860.91, 867.60, 0.00) DC
	8TH HIGHEST VALUE IS	0.92024 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
	9TH HIGHEST VALUE IS	0.87840 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
	10TH HIGHEST VALUE IS	0.82780 AT (670583.20, 4341770.80, 875.04, 875.04, 0.00) DC

SRCGP10	1ST HIGHEST VALUE IS	2.60724 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
	2ND HIGHEST VALUE IS	2.31463 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
	3RD HIGHEST VALUE IS	2.21327 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00) DC
	4TH HIGHEST VALUE IS	2.00289 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
	5TH HIGHEST VALUE IS	1.83234 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
	6TH HIGHEST VALUE IS	1.68918 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00) DC
	7TH HIGHEST VALUE IS	1.56488 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
	8TH HIGHEST VALUE IS	1.48875 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
	9TH HIGHEST VALUE IS	1.37438 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
	10TH HIGHEST VALUE IS	1.20654 AT (671051.75, 4342332.07, 862.96, 887.54, 0.00) DC

SRCGP11	1ST HIGHEST VALUE IS	15.76404 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00) DC
	2ND HIGHEST VALUE IS	14.80699 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
	3RD HIGHEST VALUE IS	14.14587 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
	4TH HIGHEST VALUE IS	10.14939 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00) DC
	5TH HIGHEST VALUE IS	8.10197 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
	6TH HIGHEST VALUE IS	6.30531 AT (670979.02, 4341915.15, 823.46, 900.47, 0.00) DC
	7TH HIGHEST VALUE IS	5.05358 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
	8TH HIGHEST VALUE IS	4.29449 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
	9TH HIGHEST VALUE IS	4.17621 AT (670895.36, 4342025.43, 820.91, 898.80, 0.00) DC
	10TH HIGHEST VALUE IS	4.06897 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC

SRCGP12	1ST HIGHEST VALUE IS	16.58410 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
	2ND HIGHEST VALUE IS	10.34569 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
	3RD HIGHEST VALUE IS	7.82524 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
	4TH HIGHEST VALUE IS	6.15486 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00) DC

5TH HIGHEST VALUE IS 5.80584 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
6TH HIGHEST VALUE IS 5.52849 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
7TH HIGHEST VALUE IS 4.91190 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
8TH HIGHEST VALUE IS 4.59628 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
9TH HIGHEST VALUE IS 4.37351 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
10TH HIGHEST VALUE IS 4.11363 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00) DC

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

NETWORK

GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID

SRCGP13 1ST HIGHEST VALUE IS 6.51560 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
2ND HIGHEST VALUE IS 6.37675 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
3RD HIGHEST VALUE IS 6.32980 AT (671025.82, 4342430.64, 851.38, 896.72, 0.00) DC
4TH HIGHEST VALUE IS 5.99428 AT (668591.41, 4343420.40, 752.89, 819.81, 0.00) DC
5TH HIGHEST VALUE IS 5.80000 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00) DC
6TH HIGHEST VALUE IS 5.70846 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
7TH HIGHEST VALUE IS 5.43933 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
8TH HIGHEST VALUE IS 5.33086 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
9TH HIGHEST VALUE IS 5.26418 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
10TH HIGHEST VALUE IS 5.17848 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00) DC

SRCGP14 1ST HIGHEST VALUE IS 7.15367 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
2ND HIGHEST VALUE IS 5.27342 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
3RD HIGHEST VALUE IS 5.27079 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
4TH HIGHEST VALUE IS 4.54819 AT (671635.08, 4341706.42, 854.34, 892.11, 0.00) DC
5TH HIGHEST VALUE IS 3.94739 AT (671613.74, 4341791.15, 861.35, 892.77, 0.00) DC
6TH HIGHEST VALUE IS 3.67756 AT (671673.48, 4341630.23, 845.73, 909.80, 0.00) DC
7TH HIGHEST VALUE IS 3.17078 AT (671689.75, 4341605.84, 840.95, 913.26, 0.00) DC
8TH HIGHEST VALUE IS 3.06621 AT (671693.59, 4341710.08, 852.82, 892.74, 0.00) DC
9TH HIGHEST VALUE IS 2.96779 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
10TH HIGHEST VALUE IS 2.86361 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00) DC

SRCGP15 1ST HIGHEST VALUE IS 14.69041 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
2ND HIGHEST VALUE IS 14.05551 AT (669222.73, 4343235.22, 773.04, 850.78, 0.00) DC
3RD HIGHEST VALUE IS 11.02958 AT (668733.94, 4343302.41, 759.97, 819.41, 0.00) DC
4TH HIGHEST VALUE IS 10.37004 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
5TH HIGHEST VALUE IS 9.66211 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
6TH HIGHEST VALUE IS 8.02328 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
7TH HIGHEST VALUE IS 7.47454 AT (668686.91, 4343199.95, 766.73, 769.00, 0.00) DC
8TH HIGHEST VALUE IS 6.91293 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00) DC
9TH HIGHEST VALUE IS 6.66719 AT (669098.44, 4343411.59, 760.06, 826.15, 0.00) DC
10TH HIGHEST VALUE IS 5.21609 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

GROUP ID	DATE	AVERAGE CONC	RECEPTOR
ZFLAG)	OF TYPE	(YYMMDDHH)	(XR, YR, ZELEV, ZHILL,
GRID-ID			

SRCGP1 HIGH 1ST HIGH VALUE IS 1746.50973 ON 09120805: AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC

SRCGP2 HIGH 1ST HIGH VALUE IS 349.91080 ON 12111121: AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC

SRCGP3 HIGH 1ST HIGH VALUE IS 75.93293 ON 12013019: AT (670140.58, 4343255.44, 825.59, 867.32, 0.00) DC

SRCGP4 HIGH 1ST HIGH VALUE IS 519.99565 ON 10020808: AT (668671.79, 4343089.09, 771.48, 787.87, 0.00) DC

SRCGP5 HIGH 1ST HIGH VALUE IS 231.86991 ON 12121508: AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC

SRCGP6 HIGH 1ST HIGH VALUE IS 293.92943 ON 12121508: AT (670361.89, 4342430.64, 813.60, 900.07, 0.00) DC

SRCGP7 HIGH 1ST HIGH VALUE IS 281.23299 ON 13031621: AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC

SRCGP8 HIGH 1ST HIGH VALUE IS 903.80233 ON 11121724: AT (669034.03, 4343420.40, 762.28, 825.53, 0.00) DC

SRCGP9 HIGH 1ST HIGH VALUE IS 120.79506 ON 13042705: AT (671464.71, 4342094.27, 883.59, 887.06, 0.00) DC

SRCGP10 HIGH 1ST HIGH VALUE IS 81.26490 ON 13050904: AT (671498.58, 4342030.05, 879.16, 892.77, 0.00) DC

SRCGP11 HIGH 1ST HIGH VALUE IS 540.44394 ON 13082820: AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC

SRCGP12 HIGH 1ST HIGH VALUE IS 453.97089 ON 13020619: AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC

SRCGP13 HIGH 1ST HIGH VALUE IS 66.86902 ON 12071720: AT (668812.72, 4343420.40, 762.17, 819.81, 0.00) DC

SRCGP14 HIGH 1ST HIGH VALUE IS 790.08822 ON 12121508: AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC

SRCGP15 HIGH 1ST HIGH VALUE IS 1208.24990 ON 12121508: AT (668733.94, 4343302.41, 759.97, 819.41, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)

A Total of 0 Warning Message(s)

A Total of 13479 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 9055 Calm Hours Identified

A Total of 4424 Missing Hours Identified (10.08 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!

Data May Not Be Acceptable for Regulatory Applications.

See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

*** NONE ***

** Lakes Environmental AERMOD MPI

**

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** AERMOD Input Produced by:

** AERMOD View Ver. 9.8.3

** Lakes Environmental Software Inc.

** Date: 2/24/2020

** File: F:\Lakes\IMM\IMM.ADI

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** AERMOD Control Pathway

**

**

CO STARTING

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MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID VARIOUS

RUNORNOT RUN

ERRORFIL IMM.err

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION PAREA1 AREAPOLY 671100.248 4342103.913 840.530

** DESCRSRC Ore Processing Truck Loading

LOCATION STCK1 POINTCAP 671237.410 4342061.976 840.410

** DESCRSRC Ore Processing Exhaust Fan 1

LOCATION STCK2 POINTCAP 671243.946 4342051.566 840.360

** DESCRSRC Ore Processing Exhaust Fan 2

LOCATION STCK3 POINTCAP 671264.279 4342024.699 840.460

** DESCRSRC Ore Processing Exhaust Fan 3

LOCATION STCK4 POINTCAP 671272.574 4342012.214 840.450

** DESCRSRC Ore Processing Exhaust Fan 4

LOCATION STCK5 POINTCAP 671286.504 4341987.718 840.310

** DESCRSRC Ore Processing Exhaust Fan 5

LOCATION STCK6 POINTCAP 671295.273 4341977.712 840.420

** DESCRSRC Ore Processing Exhaust Fan 6

LOCATION STCK7 POINT 671115.583 4342068.184 835.760

** DESCRSRC Underground Shaft

LOCATION STCK8 POINTCAP 671278.460 4341926.760 837.710

** DESCRSRC Generators

LOCATION STCK9 POINTCAP 671292.061 4341930.711 838.730

** DESCRSRC Brunswick Diesel Storage Tank

LOCATION STCK10 POINTCAP 669069.330 4343365.526 759.390

** DESCRSRC Centennial Diesel Storage Tank

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Centennial Haul Truck Route

** PREFIX

** Length of Side = 25.00

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 25.00

** SZINIT = 11.63

** Nodes = 28

** 671070.855, 4342137.988, 843.76, 5.00, 11.63

** 671054.692, 4342095.964, 842.67, 5.00, 11.63

** 671059.541, 4342066.871, 839.26, 5.00, 11.63

** 671085.402, 4342055.557, 837.61, 5.00, 11.63

** 671124.193, 4342052.324, 833.24, 5.00, 11.63

** 671141.973, 4342113.743, 836.75, 5.00, 11.63

** 671154.903, 4342159.000, 841.66, 5.00, 11.63

** 671093.484, 4342167.081, 844.94, 5.00, 11.63

** 671059.541, 4342178.396, 846.68, 5.00, 11.63

** 671190.462, 4342301.235, 858.39, 5.00, 11.63

** 671112.879, 4342378.817, 861.13, 5.00, 11.63

** 671033.681, 4342469.330, 850.76, 5.00, 11.63

** 670956.098, 4342614.797, 853.34, 5.00, 11.63

** 670878.515, 4342761.881, 865.96, 5.00, 11.63

** 670773.456, 4342847.545, 860.08, 5.00, 11.63

** 670611.826, 4342959.070, 845.40, 5.00, 11.63

** 670472.824, 4343052.815, 831.94, 5.00, 11.63

** 670409.788, 4343162.724, 823.69, 5.00, 11.63

** 670351.601, 4343156.259, 826.43, 5.00, 11.63

** 670299.879, 4343190.201, 825.91, 5.00, 11.63

** 669968.537, 4343303.342, 825.86, 5.00, 11.63

** 669790.744, 4343287.179, 813.48, 5.00, 11.63

** 669721.243, 4343279.098, 808.10, 5.00, 11.63

** 669633.963, 4343295.261, 799.52, 5.00, 11.63

** 669494.961, 4343371.227, 782.38, 5.00, 11.63

** 669305.853, 4343321.121, 777.86, 5.00, 11.63

** 669265.446, 4343277.481, 776.06, 5.00, 11.63

** 669265.446, 4343237.074, 775.84, 5.00, 11.63

** -----

LOCATION L0000555 VOLUME 671066.368 4342126.321 843.71

LOCATION L0000556 VOLUME 671057.394 4342102.988 842.92

LOCATION L0000557 VOLUME 671057.565 4342078.727 841.21

LOCATION L0000558 VOLUME 671071.433 4342061.668 838.46

LOCATION L0000559 VOLUME 671095.121 4342054.747 837.17

LOCATION L0000560 VOLUME 671120.035 4342052.671 834.14

LOCATION L0000561 VOLUME 671129.985 4342072.330 834.69

LOCATION L0000562 VOLUME 671136.936 4342096.344 835.37

LOCATION L0000563 VOLUME 671143.865 4342120.365 838.08

LOCATION L0000564 VOLUME 671150.733 4342144.403 841.03

LOCATION L0000565 VOLUME 671145.169 4342160.281 842.52

LOCATION L0000566 VOLUME 671120.382 4342163.542 843.89

LOCATION L0000567 VOLUME 671095.596 4342166.804 845.23

LOCATION L0000568	VOLUME	671071.788	4342174.313	846.50
LOCATION L0000569	VOLUME	671068.359	4342186.669	847.45
LOCATION L0000570	VOLUME	671086.590	4342203.775	848.18
LOCATION L0000571	VOLUME	671104.822	4342220.881	850.11
LOCATION L0000572	VOLUME	671123.053	4342237.987	850.27
LOCATION L0000573	VOLUME	671141.285	4342255.093	853.08
LOCATION L0000574	VOLUME	671159.516	4342272.199	855.00
LOCATION L0000575	VOLUME	671177.747	4342289.305	856.64
LOCATION L0000576	VOLUME	671185.112	4342306.584	858.53
LOCATION L0000577	VOLUME	671167.435	4342324.262	859.65
LOCATION L0000578	VOLUME	671149.757	4342341.939	860.35
LOCATION L0000579	VOLUME	671132.079	4342359.617	860.78
LOCATION L0000580	VOLUME	671114.402	4342377.295	861.14
LOCATION L0000581	VOLUME	671097.834	4342396.011	860.70
LOCATION L0000582	VOLUME	671081.372	4342414.826	858.88
LOCATION L0000583	VOLUME	671064.909	4342433.640	857.01
LOCATION L0000584	VOLUME	671048.447	4342452.454	853.81
LOCATION L0000585	VOLUME	671032.468	4342471.603	850.73
LOCATION L0000586	VOLUME	671020.703	4342493.662	849.83
LOCATION L0000587	VOLUME	671008.939	4342515.721	849.60
LOCATION L0000588	VOLUME	670997.174	4342537.780	850.39
LOCATION L0000589	VOLUME	670985.409	4342559.839	851.99
LOCATION L0000590	VOLUME	670973.645	4342581.897	852.71
LOCATION L0000591	VOLUME	670961.880	4342603.956	853.09
LOCATION L0000592	VOLUME	670950.167	4342626.042	854.45
LOCATION L0000593	VOLUME	670938.503	4342648.155	856.46
LOCATION L0000594	VOLUME	670926.839	4342670.267	858.38
LOCATION L0000595	VOLUME	670915.176	4342692.379	859.84
LOCATION L0000596	VOLUME	670903.512	4342714.492	860.75
LOCATION L0000597	VOLUME	670891.848	4342736.604	864.15
LOCATION L0000598	VOLUME	670880.184	4342758.717	865.83
LOCATION L0000599	VOLUME	670861.912	4342775.419	865.99
LOCATION L0000600	VOLUME	670842.537	4342791.217	866.05
LOCATION L0000601	VOLUME	670823.162	4342807.016	865.62
LOCATION L0000602	VOLUME	670803.786	4342822.814	864.88
LOCATION L0000603	VOLUME	670784.411	4342838.612	861.33
LOCATION L0000604	VOLUME	670764.513	4342853.715	860.09
LOCATION L0000605	VOLUME	670743.936	4342867.914	859.49
LOCATION L0000606	VOLUME	670723.359	4342882.112	857.11
LOCATION L0000607	VOLUME	670702.782	4342896.310	854.04
LOCATION L0000608	VOLUME	670682.205	4342910.508	852.89
LOCATION L0000609	VOLUME	670661.628	4342924.706	851.13
LOCATION L0000610	VOLUME	670641.051	4342938.904	848.75
LOCATION L0000611	VOLUME	670620.474	4342953.102	845.76
LOCATION L0000612	VOLUME	670599.810	4342967.173	843.31
LOCATION L0000613	VOLUME	670579.083	4342981.152	842.40
LOCATION L0000614	VOLUME	670558.356	4342995.130	839.79
LOCATION L0000615	VOLUME	670537.630	4343009.109	836.56
LOCATION L0000616	VOLUME	670516.903	4343023.087	835.88
LOCATION L0000617	VOLUME	670496.176	4343037.066	833.49
LOCATION L0000618	VOLUME	670475.449	4343051.044	832.15
LOCATION L0000619	VOLUME	670461.961	4343071.754	830.62
LOCATION L0000620	VOLUME	670449.524	4343093.441	828.02
LOCATION L0000621	VOLUME	670437.086	4343115.127	825.01
LOCATION L0000622	VOLUME	670424.648	4343136.814	824.19

LOCATION L0000623	VOLUME	670412.210	4343158.500	823.83
LOCATION L0000624	VOLUME	670389.780	4343160.501	824.41
LOCATION L0000625	VOLUME	670364.933	4343157.740	825.43
LOCATION L0000626	VOLUME	670341.914	4343162.615	826.06
LOCATION L0000627	VOLUME	670321.013	4343176.332	826.16
LOCATION L0000628	VOLUME	670300.112	4343190.048	826.00
LOCATION L0000629	VOLUME	670276.484	4343198.190	826.16
LOCATION L0000630	VOLUME	670252.825	4343206.268	826.25
LOCATION L0000631	VOLUME	670229.167	4343214.347	826.29
LOCATION L0000632	VOLUME	670205.508	4343222.425	826.32
LOCATION L0000633	VOLUME	670181.849	4343230.504	826.45
LOCATION L0000634	VOLUME	670158.190	4343238.582	826.58
LOCATION L0000635	VOLUME	670134.532	4343246.661	826.49
LOCATION L0000636	VOLUME	670110.873	4343254.740	826.16
LOCATION L0000637	VOLUME	670087.214	4343262.818	825.87
LOCATION L0000638	VOLUME	670063.555	4343270.897	825.62
LOCATION L0000639	VOLUME	670039.897	4343278.975	825.73
LOCATION L0000640	VOLUME	670016.238	4343287.054	825.84
LOCATION L0000641	VOLUME	669992.579	4343295.133	825.84
LOCATION L0000642	VOLUME	669968.920	4343303.211	825.83
LOCATION L0000643	VOLUME	669944.043	4343301.115	825.07
LOCATION L0000644	VOLUME	669919.146	4343298.852	823.99
LOCATION L0000645	VOLUME	669894.248	4343296.589	821.74
LOCATION L0000646	VOLUME	669869.351	4343294.325	820.43
LOCATION L0000647	VOLUME	669844.454	4343292.062	818.25
LOCATION L0000648	VOLUME	669819.556	4343289.798	815.80
LOCATION L0000649	VOLUME	669794.659	4343287.535	814.04
LOCATION L0000650	VOLUME	669769.816	4343284.746	811.45
LOCATION L0000651	VOLUME	669744.984	4343281.858	810.17
LOCATION L0000652	VOLUME	669720.162	4343279.298	808.45
LOCATION L0000653	VOLUME	669695.580	4343283.850	805.61
LOCATION L0000654	VOLUME	669670.998	4343288.402	804.42
LOCATION L0000655	VOLUME	669646.416	4343292.954	800.71
LOCATION L0000656	VOLUME	669623.138	4343301.176	798.14
LOCATION L0000657	VOLUME	669601.201	4343313.165	796.75
LOCATION L0000658	VOLUME	669579.263	4343325.154	793.05
LOCATION L0000659	VOLUME	669557.326	4343337.144	790.56
LOCATION L0000660	VOLUME	669535.388	4343349.133	787.72
LOCATION L0000661	VOLUME	669513.450	4343361.122	784.46
LOCATION L0000662	VOLUME	669491.162	4343370.220	782.47
LOCATION L0000663	VOLUME	669466.996	4343363.817	782.99
LOCATION L0000664	VOLUME	669442.830	4343357.414	783.33
LOCATION L0000665	VOLUME	669418.664	4343351.011	783.62
LOCATION L0000666	VOLUME	669394.498	4343344.608	783.59
LOCATION L0000667	VOLUME	669370.332	4343338.205	782.90
LOCATION L0000668	VOLUME	669346.166	4343331.802	780.20
LOCATION L0000669	VOLUME	669322.000	4343325.399	778.62
LOCATION L0000670	VOLUME	669300.216	4343315.034	777.83
LOCATION L0000671	VOLUME	669283.231	4343296.690	777.20
LOCATION L0000672	VOLUME	669266.246	4343278.346	776.29
LOCATION L0000673	VOLUME	669265.446	4343253.659	775.85

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Centennial Offroad Equipment
** PREFIX
** Length of Side = 25.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 25.00
** SZINIT = 11.63
** Nodes = 64
** 669106.226, 4343359.995, 760.73, 5.00, 11.63
** 668967.259, 4343323.794, 757.43, 5.00, 11.63
** 668838.803, 4343310.948, 756.61, 5.00, 11.63
** 668754.722, 4343293.431, 758.71, 5.00, 11.63
** 668737.205, 4343246.720, 764.62, 5.00, 11.63
** 668717.353, 4343228.035, 767.38, 5.00, 11.63
** 668692.829, 4343086.733, 769.14, 5.00, 11.63
** 668737.205, 4343082.062, 766.96, 5.00, 11.63
** 668774.574, 4343059.874, 766.42, 5.00, 11.63
** 668813.111, 4343026.008, 767.57, 5.00, 11.63
** 668852.816, 4343042.357, 768.02, 5.00, 11.63
** 668926.387, 4343056.370, 772.32, 5.00, 11.63
** 668955.581, 4343035.350, 774.13, 5.00, 11.63
** 668971.930, 4343010.827, 774.73, 5.00, 11.63
** 669029.152, 4342971.122, 774.66, 5.00, 11.63
** 669087.541, 4342965.283, 776.04, 5.00, 11.63
** 669169.286, 4342960.612, 777.58, 5.00, 11.63
** 669196.145, 4342954.773, 778.94, 5.00, 11.63
** 669280.226, 4342936.088, 782.26, 5.00, 11.63
** 669328.105, 4342933.753, 784.19, 5.00, 11.63
** 669343.287, 4342986.303, 782.40, 5.00, 11.63
** 669288.401, 4343266.572, 777.42, 5.00, 11.63
** 669262.709, 4343231.538, 775.80, 5.00, 11.63
** 669234.682, 4343232.706, 774.55, 5.00, 11.63
** 669208.991, 4343210.518, 769.72, 5.00, 11.63
** 669126.078, 4343273.579, 764.00, 5.00, 11.63
** 669100.387, 4343328.465, 761.59, 5.00, 11.63
** 668773.407, 4343266.572, 759.94, 5.00, 11.63
** 668725.527, 4343112.424, 766.17, 5.00, 11.63
** 668815.447, 4343061.042, 764.35, 5.00, 11.63
** 668932.226, 4343089.068, 769.01, 5.00, 11.63
** 668985.944, 4343056.370, 772.49, 5.00, 11.63
** 669027.984, 4343008.491, 773.77, 5.00, 11.63
** 669158.776, 4342995.646, 775.13, 5.00, 11.63
** 669295.407, 4342971.122, 779.05, 5.00, 11.63
** 669303.582, 4343009.659, 775.40, 5.00, 11.63
** 669268.548, 4343198.840, 773.96, 5.00, 11.63
** 669207.823, 4343174.317, 768.18, 5.00, 11.63
** 669105.058, 4343256.062, 764.26, 5.00, 11.63
** 669081.702, 4343296.935, 762.13, 5.00, 11.63
** 668802.601, 4343242.049, 759.63, 5.00, 11.63
** 668758.225, 4343128.773, 763.32, 5.00, 11.63
** 668820.118, 4343091.404, 762.38, 5.00, 11.63
** 668945.071, 4343127.605, 768.15, 5.00, 11.63
** 669053.675, 4343040.021, 772.56, 5.00, 11.63
** 669261.542, 4343010.827, 774.88, 5.00, 11.63
** 669244.025, 4343154.465, 770.79, 5.00, 11.63

** 669177.461, 4343149.793, 768.57, 5.00, 11.63
** 669073.528, 4343239.713, 765.99, 5.00, 11.63
** 669059.514, 4343266.572, 763.62, 5.00, 11.63
** 668834.132, 4343218.693, 760.61, 5.00, 11.63
** 668799.098, 4343148.626, 761.59, 5.00, 11.63
** 668831.796, 4343120.599, 761.92, 5.00, 11.63
** 668966.091, 4343161.471, 769.25, 5.00, 11.63
** 669071.192, 4343076.223, 771.12, 5.00, 11.63
** 669219.501, 4343049.364, 774.42, 5.00, 11.63
** 669217.166, 4343120.599, 769.49, 5.00, 11.63
** 669150.602, 4343120.599, 769.54, 5.00, 11.63
** 669046.669, 4343225.700, 769.09, 5.00, 11.63
** 668856.319, 4343194.169, 761.97, 5.00, 11.63
** 668845.809, 4343154.465, 761.56, 5.00, 11.63
** 668989.447, 4343187.163, 769.89, 5.00, 11.63
** 669078.199, 4343115.928, 769.15, 5.00, 11.63
** 669173.958, 4343087.901, 771.20, 5.00, 11.63

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LOCATION L0000149	VOLUME	669094.130	4343356.844	760.45
LOCATION L0000150	VOLUME	669069.937	4343350.542	759.85
LOCATION L0000151	VOLUME	669045.744	4343344.239	759.34
LOCATION L0000152	VOLUME	669021.552	4343337.937	758.75
LOCATION L0000153	VOLUME	668997.359	4343331.635	758.05
LOCATION L0000154	VOLUME	668973.167	4343325.333	757.58
LOCATION L0000155	VOLUME	668948.458	4343321.913	757.33
LOCATION L0000156	VOLUME	668923.582	4343319.426	757.06
LOCATION L0000157	VOLUME	668898.706	4343316.938	756.92
LOCATION L0000158	VOLUME	668873.830	4343314.451	756.80
LOCATION L0000159	VOLUME	668848.954	4343311.963	756.70
LOCATION L0000160	VOLUME	668824.316	4343307.930	756.79
LOCATION L0000161	VOLUME	668799.841	4343302.831	757.03
LOCATION L0000162	VOLUME	668775.367	4343297.732	757.06
LOCATION L0000163	VOLUME	668753.348	4343289.768	759.90
LOCATION L0000164	VOLUME	668744.570	4343266.360	763.44
LOCATION L0000165	VOLUME	668734.275	4343243.962	765.13
LOCATION L0000166	VOLUME	668717.052	4343226.299	767.99
LOCATION L0000167	VOLUME	668712.777	4343201.667	766.10
LOCATION L0000168	VOLUME	668708.502	4343177.035	765.37
LOCATION L0000169	VOLUME	668704.227	4343152.404	766.56
LOCATION L0000170	VOLUME	668699.952	4343127.772	767.65
LOCATION L0000171	VOLUME	668695.677	4343103.140	768.58
LOCATION L0000172	VOLUME	668701.131	4343085.859	768.60
LOCATION L0000173	VOLUME	668725.994	4343083.242	767.40
LOCATION L0000174	VOLUME	668749.008	4343075.054	766.75
LOCATION L0000175	VOLUME	668770.504	4343062.290	766.38
LOCATION L0000176	VOLUME	668789.798	4343046.495	766.79
LOCATION L0000177	VOLUME	668808.577	4343029.993	767.48
LOCATION L0000178	VOLUME	668830.647	4343033.228	767.29
LOCATION L0000179	VOLUME	668853.823	4343042.549	768.03
LOCATION L0000180	VOLUME	668878.381	4343047.227	769.92
LOCATION L0000181	VOLUME	668902.940	4343051.904	771.39
LOCATION L0000182	VOLUME	668927.305	4343055.709	771.57
LOCATION L0000183	VOLUME	668947.593	4343041.102	773.49
LOCATION L0000184	VOLUME	668963.989	4343022.739	774.43
LOCATION L0000185	VOLUME	668980.708	4343004.736	774.74

LOCATION L0000186	VOLUME	669001.247	4342990.484	774.61
LOCATION L0000187	VOLUME	669021.787	4342976.232	774.53
LOCATION L0000188	VOLUME	669045.108	4342969.526	774.41
LOCATION L0000189	VOLUME	669069.984	4342967.039	774.88
LOCATION L0000190	VOLUME	669094.884	4342964.863	776.07
LOCATION L0000191	VOLUME	669119.844	4342963.437	776.49
LOCATION L0000192	VOLUME	669144.803	4342962.011	776.79
LOCATION L0000193	VOLUME	669169.752	4342960.511	777.82
LOCATION L0000194	VOLUME	669194.182	4342955.200	778.81
LOCATION L0000195	VOLUME	669218.588	4342949.786	779.21
LOCATION L0000196	VOLUME	669242.993	4342944.362	779.64
LOCATION L0000197	VOLUME	669267.398	4342938.939	780.99
LOCATION L0000198	VOLUME	669292.071	4342935.511	782.63
LOCATION L0000199	VOLUME	669317.041	4342934.293	783.86
LOCATION L0000200	VOLUME	669331.969	4342947.128	782.91
LOCATION L0000201	VOLUME	669338.908	4342971.146	782.22
LOCATION L0000202	VOLUME	669341.514	4342995.354	782.17
LOCATION L0000203	VOLUME	669336.710	4343019.888	781.96
LOCATION L0000204	VOLUME	669331.905	4343044.422	780.15
LOCATION L0000205	VOLUME	669327.100	4343068.956	776.88
LOCATION L0000206	VOLUME	669322.296	4343093.490	776.03
LOCATION L0000207	VOLUME	669317.491	4343118.024	775.69
LOCATION L0000208	VOLUME	669312.687	4343142.558	775.78
LOCATION L0000209	VOLUME	669307.882	4343167.092	776.34
LOCATION L0000210	VOLUME	669303.078	4343191.626	776.66
LOCATION L0000211	VOLUME	669298.273	4343216.160	776.94
LOCATION L0000212	VOLUME	669293.468	4343240.694	777.40
LOCATION L0000213	VOLUME	669288.664	4343265.228	777.51
LOCATION L0000214	VOLUME	669274.426	4343247.516	776.40
LOCATION L0000215	VOLUME	669257.528	4343231.754	775.64
LOCATION L0000216	VOLUME	669233.067	4343231.311	774.35
LOCATION L0000217	VOLUME	669214.146	4343214.970	770.70
LOCATION L0000218	VOLUME	669194.514	4343221.529	769.05
LOCATION L0000219	VOLUME	669174.615	4343236.663	768.91
LOCATION L0000220	VOLUME	669154.717	4343251.798	767.70
LOCATION L0000221	VOLUME	669134.818	4343266.932	765.12
LOCATION L0000222	VOLUME	669120.135	4343286.276	762.87
LOCATION L0000223	VOLUME	669109.536	4343308.919	761.99
LOCATION L0000224	VOLUME	669097.028	4343327.829	761.26
LOCATION L0000225	VOLUME	669072.464	4343323.179	760.79
LOCATION L0000226	VOLUME	669047.900	4343318.530	760.45
LOCATION L0000227	VOLUME	669023.337	4343313.880	759.96
LOCATION L0000228	VOLUME	668998.773	4343309.231	759.43
LOCATION L0000229	VOLUME	668974.209	4343304.581	759.06
LOCATION L0000230	VOLUME	668949.645	4343299.932	758.80
LOCATION L0000231	VOLUME	668925.081	4343295.282	758.59
LOCATION L0000232	VOLUME	668900.517	4343290.632	758.43
LOCATION L0000233	VOLUME	668875.954	4343285.983	758.38
LOCATION L0000234	VOLUME	668851.390	4343281.333	758.25
LOCATION L0000235	VOLUME	668826.826	4343276.684	758.28
LOCATION L0000236	VOLUME	668802.262	4343272.034	758.45
LOCATION L0000237	VOLUME	668777.698	4343267.384	759.41
LOCATION L0000238	VOLUME	668767.287	4343246.869	761.03
LOCATION L0000239	VOLUME	668759.871	4343222.994	761.51
LOCATION L0000240	VOLUME	668752.455	4343199.119	762.16

LOCATION L0000241	VOLUME	668745.040	4343175.244	763.20
LOCATION L0000242	VOLUME	668737.624	4343151.369	764.59
LOCATION L0000243	VOLUME	668730.208	4343127.494	765.59
LOCATION L0000244	VOLUME	668733.532	4343107.850	765.64
LOCATION L0000245	VOLUME	668755.238	4343095.447	763.88
LOCATION L0000246	VOLUME	668776.944	4343083.043	763.42
LOCATION L0000247	VOLUME	668798.650	4343070.640	763.46
LOCATION L0000248	VOLUME	668820.945	4343062.361	764.22
LOCATION L0000249	VOLUME	668845.255	4343068.196	765.36
LOCATION L0000250	VOLUME	668869.565	4343074.030	766.71
LOCATION L0000251	VOLUME	668893.874	4343079.864	767.92
LOCATION L0000252	VOLUME	668918.184	4343085.698	768.29
LOCATION L0000253	VOLUME	668941.246	4343083.578	769.10
LOCATION L0000254	VOLUME	668962.601	4343070.579	770.64
LOCATION L0000255	VOLUME	668983.956	4343057.581	772.12
LOCATION L0000256	VOLUME	669000.903	4343039.333	773.03
LOCATION L0000257	VOLUME	669017.398	4343020.547	773.31
LOCATION L0000258	VOLUME	669036.897	4343007.616	773.44
LOCATION L0000259	VOLUME	669061.777	4343005.172	773.56
LOCATION L0000260	VOLUME	669086.658	4343002.729	773.87
LOCATION L0000261	VOLUME	669111.538	4343000.285	774.07
LOCATION L0000262	VOLUME	669136.418	4342997.841	774.33
LOCATION L0000263	VOLUME	669161.271	4342995.198	775.28
LOCATION L0000264	VOLUME	669185.878	4342990.781	776.55
LOCATION L0000265	VOLUME	669210.484	4342986.365	777.24
LOCATION L0000266	VOLUME	669235.091	4342981.948	777.39
LOCATION L0000267	VOLUME	669259.698	4342977.531	777.61
LOCATION L0000268	VOLUME	669284.305	4342973.115	778.52
LOCATION L0000269	VOLUME	669298.254	4342984.543	777.78
LOCATION L0000270	VOLUME	669303.442	4343008.999	774.81
LOCATION L0000271	VOLUME	669299.152	4343033.578	774.35
LOCATION L0000272	VOLUME	669294.600	4343058.160	774.36
LOCATION L0000273	VOLUME	669290.048	4343082.742	774.10
LOCATION L0000274	VOLUME	669285.496	4343107.324	773.84
LOCATION L0000275	VOLUME	669280.944	4343131.906	773.71
LOCATION L0000276	VOLUME	669276.391	4343156.488	774.10
LOCATION L0000277	VOLUME	669271.839	4343181.070	774.33
LOCATION L0000278	VOLUME	669262.125	4343196.246	773.76
LOCATION L0000279	VOLUME	669238.944	4343186.885	771.35
LOCATION L0000280	VOLUME	669215.763	4343177.523	768.63
LOCATION L0000281	VOLUME	669194.959	4343184.550	767.94
LOCATION L0000282	VOLUME	669175.394	4343200.113	767.39
LOCATION L0000283	VOLUME	669155.829	4343215.676	766.96
LOCATION L0000284	VOLUME	669136.264	4343231.239	765.36
LOCATION L0000285	VOLUME	669116.699	4343246.802	764.49
LOCATION L0000286	VOLUME	669100.035	4343264.853	763.60
LOCATION L0000287	VOLUME	669087.631	4343286.559	762.33
LOCATION L0000288	VOLUME	669068.897	4343294.416	761.82
LOCATION L0000289	VOLUME	669044.367	4343289.592	761.66
LOCATION L0000290	VOLUME	669019.837	4343284.769	761.46
LOCATION L0000291	VOLUME	668995.307	4343279.945	761.24
LOCATION L0000292	VOLUME	668970.777	4343275.121	760.95
LOCATION L0000293	VOLUME	668946.246	4343270.297	760.70
LOCATION L0000294	VOLUME	668921.716	4343265.473	760.44
LOCATION L0000295	VOLUME	668897.186	4343260.649	760.13

LOCATION L0000296	VOLUME	668872.656	4343255.825	759.91
LOCATION L0000297	VOLUME	668848.126	4343251.001	759.69
LOCATION L0000298	VOLUME	668823.596	4343246.177	759.43
LOCATION L0000299	VOLUME	668801.287	4343238.693	759.78
LOCATION L0000300	VOLUME	668792.168	4343215.416	760.83
LOCATION L0000301	VOLUME	668783.049	4343192.138	761.42
LOCATION L0000302	VOLUME	668773.930	4343168.861	762.28
LOCATION L0000303	VOLUME	668764.811	4343145.583	762.95
LOCATION L0000304	VOLUME	668764.172	4343125.183	762.85
LOCATION L0000305	VOLUME	668785.573	4343112.261	762.04
LOCATION L0000306	VOLUME	668806.975	4343099.339	761.98
LOCATION L0000307	VOLUME	668829.384	4343094.089	762.53
LOCATION L0000308	VOLUME	668853.397	4343101.045	763.43
LOCATION L0000309	VOLUME	668877.409	4343108.002	764.68
LOCATION L0000310	VOLUME	668901.422	4343114.959	765.91
LOCATION L0000311	VOLUME	668925.434	4343121.916	766.89
LOCATION L0000312	VOLUME	668948.617	4343124.746	768.35
LOCATION L0000313	VOLUME	668968.078	4343109.052	769.36
LOCATION L0000314	VOLUME	668987.538	4343093.358	770.39
LOCATION L0000315	VOLUME	669006.998	4343077.664	771.40
LOCATION L0000316	VOLUME	669026.459	4343061.971	772.02
LOCATION L0000317	VOLUME	669045.919	4343046.277	772.41
LOCATION L0000318	VOLUME	669068.565	4343037.930	772.64
LOCATION L0000319	VOLUME	669093.322	4343034.453	772.78
LOCATION L0000320	VOLUME	669118.079	4343030.976	773.26
LOCATION L0000321	VOLUME	669142.836	4343027.499	773.72
LOCATION L0000322	VOLUME	669167.593	4343024.022	774.57
LOCATION L0000323	VOLUME	669192.350	4343020.545	775.35
LOCATION L0000324	VOLUME	669217.107	4343017.068	775.96
LOCATION L0000325	VOLUME	669241.864	4343013.590	775.76
LOCATION L0000326	VOLUME	669260.921	4343015.918	774.81
LOCATION L0000327	VOLUME	669257.894	4343040.734	774.31
LOCATION L0000328	VOLUME	669254.868	4343065.550	773.33
LOCATION L0000329	VOLUME	669251.842	4343090.367	772.29
LOCATION L0000330	VOLUME	669248.815	4343115.183	771.34
LOCATION L0000331	VOLUME	669245.789	4343139.999	770.67
LOCATION L0000332	VOLUME	669233.623	4343153.735	769.84
LOCATION L0000333	VOLUME	669208.684	4343151.985	768.35
LOCATION L0000334	VOLUME	669183.746	4343150.234	768.40
LOCATION L0000335	VOLUME	669163.319	4343162.028	767.97
LOCATION L0000336	VOLUME	669144.413	4343178.385	767.35
LOCATION L0000337	VOLUME	669125.507	4343194.742	766.49
LOCATION L0000338	VOLUME	669106.601	4343211.100	765.87
LOCATION L0000339	VOLUME	669087.694	4343227.457	765.28
LOCATION L0000340	VOLUME	669070.629	4343245.270	765.82
LOCATION L0000341	VOLUME	669058.563	4343266.370	763.62
LOCATION L0000342	VOLUME	669034.109	4343261.175	764.73
LOCATION L0000343	VOLUME	669009.655	4343255.980	764.75
LOCATION L0000344	VOLUME	668985.200	4343250.785	763.81
LOCATION L0000345	VOLUME	668960.746	4343245.590	762.57
LOCATION L0000346	VOLUME	668936.292	4343240.395	762.11
LOCATION L0000347	VOLUME	668911.837	4343235.200	761.83
LOCATION L0000348	VOLUME	668887.383	4343230.005	761.61
LOCATION L0000349	VOLUME	668862.929	4343224.810	761.32
LOCATION L0000350	VOLUME	668838.475	4343219.615	760.54

LOCATION L0000351	VOLUME	668824.937	4343200.303	760.60
LOCATION L0000352	VOLUME	668813.756	4343177.943	760.89
LOCATION L0000353	VOLUME	668802.576	4343155.582	761.37
LOCATION L0000354	VOLUME	668812.174	4343137.417	761.22
LOCATION L0000355	VOLUME	668831.156	4343121.148	761.83
LOCATION L0000356	VOLUME	668854.906	4343127.632	762.38
LOCATION L0000357	VOLUME	668878.823	4343134.911	763.26
LOCATION L0000358	VOLUME	668902.740	4343142.190	765.08
LOCATION L0000359	VOLUME	668926.657	4343149.469	766.78
LOCATION L0000360	VOLUME	668950.573	4343156.748	768.56
LOCATION L0000361	VOLUME	668972.910	4343155.941	769.49
LOCATION L0000362	VOLUME	668992.326	4343140.192	770.23
LOCATION L0000363	VOLUME	669011.742	4343124.444	770.89
LOCATION L0000364	VOLUME	669031.158	4343108.695	770.85
LOCATION L0000365	VOLUME	669050.574	4343092.947	770.68
LOCATION L0000366	VOLUME	669069.990	4343077.198	771.01
LOCATION L0000367	VOLUME	669094.269	4343072.044	771.26
LOCATION L0000368	VOLUME	669118.869	4343067.589	771.69
LOCATION L0000369	VOLUME	669143.468	4343063.133	772.28
LOCATION L0000370	VOLUME	669168.068	4343058.678	772.90
LOCATION L0000371	VOLUME	669192.668	4343054.223	773.60
LOCATION L0000372	VOLUME	669217.268	4343049.768	774.23
LOCATION L0000373	VOLUME	669218.756	4343072.082	772.88
LOCATION L0000374	VOLUME	669217.937	4343097.068	770.98
LOCATION L0000375	VOLUME	669215.708	4343120.599	769.42
LOCATION L0000376	VOLUME	669190.708	4343120.599	769.35
LOCATION L0000377	VOLUME	669165.708	4343120.599	769.65
LOCATION L0000378	VOLUME	669143.645	4343127.633	769.10
LOCATION L0000379	VOLUME	669126.067	4343145.409	768.22
LOCATION L0000380	VOLUME	669108.488	4343163.186	767.39
LOCATION L0000381	VOLUME	669090.909	4343180.962	767.53
LOCATION L0000382	VOLUME	669073.331	4343198.738	768.09
LOCATION L0000383	VOLUME	669055.752	4343216.514	768.92
LOCATION L0000384	VOLUME	669034.749	4343223.725	769.34
LOCATION L0000385	VOLUME	669010.086	4343219.640	769.40
LOCATION L0000386	VOLUME	668985.422	4343215.554	769.24
LOCATION L0000387	VOLUME	668960.758	4343211.469	768.80
LOCATION L0000388	VOLUME	668936.094	4343207.383	765.89
LOCATION L0000389	VOLUME	668911.430	4343203.298	763.81
LOCATION L0000390	VOLUME	668886.766	4343199.213	763.15
LOCATION L0000391	VOLUME	668862.102	4343195.127	762.29
LOCATION L0000392	VOLUME	668851.422	4343175.668	761.70
LOCATION L0000393	VOLUME	668848.799	4343155.145	761.64
LOCATION L0000394	VOLUME	668873.176	4343160.694	762.66
LOCATION L0000395	VOLUME	668897.552	4343166.243	764.57
LOCATION L0000396	VOLUME	668921.928	4343171.792	766.15
LOCATION L0000397	VOLUME	668946.305	4343177.342	768.34
LOCATION L0000398	VOLUME	668970.681	4343182.891	769.45
LOCATION L0000399	VOLUME	668993.934	4343183.561	770.02
LOCATION L0000400	VOLUME	669013.431	4343167.912	770.46
LOCATION L0000401	VOLUME	669032.928	4343152.264	770.33
LOCATION L0000402	VOLUME	669052.424	4343136.615	769.72
LOCATION L0000403	VOLUME	669071.921	4343120.966	769.04
LOCATION L0000404	VOLUME	669094.467	4343111.166	769.14
LOCATION L0000405	VOLUME	669118.460	4343104.144	769.81

LOCATION L0000406 VOLUME 669142.454 4343097.121 770.41
 LOCATION L0000407 VOLUME 669166.447 4343090.099 770.99
 ** End of LINE VOLUME Source ID = SLINE3
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 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = SLINE4
 ** DESCRSRC Brunswick Offroad Equipment
 ** PREFIX
 ** Length of Side = 25.00
 ** Configuration = Adjacent
 ** Emission Rate = 1.0
 ** Vertical Dimension = 25.00
 ** SZINIT = 11.63
 ** Nodes = 17
 ** 671261.861, 4341729.812, 834.24, 5.00, 11.63
 ** 671380.981, 4341813.195, 840.03, 5.00, 11.63
 ** 671496.130, 4341677.200, 845.13, 5.00, 11.63
 ** 671458.409, 4341642.457, 842.44, 5.00, 11.63
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 ** 671403.812, 4341686.134, 840.77, 5.00, 11.63
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 LOCATION L0000408 VOLUME 671272.101 4341736.980 834.43
 LOCATION L0000409 VOLUME 671292.582 4341751.316 834.75
 LOCATION L0000410 VOLUME 671313.063 4341765.653 835.09
 LOCATION L0000411 VOLUME 671333.544 4341779.990 835.88
 LOCATION L0000412 VOLUME 671354.025 4341794.326 837.44
 LOCATION L0000413 VOLUME 671374.505 4341808.663 839.23
 LOCATION L0000414 VOLUME 671392.028 4341800.148 840.41
 LOCATION L0000415 VOLUME 671408.183 4341781.069 840.76
 LOCATION L0000416 VOLUME 671424.338 4341761.990 841.01
 LOCATION L0000417 VOLUME 671440.492 4341742.910 842.15
 LOCATION L0000418 VOLUME 671456.647 4341723.831 843.64
 LOCATION L0000419 VOLUME 671472.802 4341704.752 844.17
 LOCATION L0000420 VOLUME 671488.957 4341685.672 844.81
 LOCATION L0000421 VOLUME 671485.907 4341667.784 844.42
 LOCATION L0000422 VOLUME 671467.518 4341650.847 843.04
 LOCATION L0000423 VOLUME 671467.914 4341634.162 843.11
 LOCATION L0000424 VOLUME 671486.749 4341617.723 843.85
 LOCATION L0000425 VOLUME 671505.585 4341601.285 843.36
 LOCATION L0000426 VOLUME 671500.249 4341586.635 843.12
 LOCATION L0000427 VOLUME 671479.199 4341573.147 842.59
 LOCATION L0000428 VOLUME 671458.150 4341559.659 842.10
 LOCATION L0000429 VOLUME 671437.101 4341546.171 842.00
 LOCATION L0000430 VOLUME 671416.051 4341532.683 848.79

LOCATION L0000431	VOLUME	671398.663	4341543.575	849.28
LOCATION L0000432	VOLUME	671382.505	4341562.651	849.59
LOCATION L0000433	VOLUME	671366.346	4341581.727	849.82
LOCATION L0000434	VOLUME	671350.188	4341600.803	849.98
LOCATION L0000435	VOLUME	671334.029	4341619.879	850.00
LOCATION L0000436	VOLUME	671317.870	4341638.956	849.56
LOCATION L0000437	VOLUME	671301.712	4341658.032	846.79
LOCATION L0000438	VOLUME	671285.553	4341677.108	842.59
LOCATION L0000439	VOLUME	671269.394	4341696.184	837.35
LOCATION L0000440	VOLUME	671286.290	4341710.996	835.94
LOCATION L0000441	VOLUME	671306.760	4341725.347	836.05
LOCATION L0000442	VOLUME	671327.231	4341739.697	836.35
LOCATION L0000443	VOLUME	671347.702	4341754.048	836.94
LOCATION L0000444	VOLUME	671367.638	4341762.055	838.05
LOCATION L0000445	VOLUME	671385.414	4341744.476	839.02
LOCATION L0000446	VOLUME	671403.190	4341726.897	840.29
LOCATION L0000447	VOLUME	671420.966	4341709.319	841.18
LOCATION L0000448	VOLUME	671438.742	4341691.740	841.75
LOCATION L0000449	VOLUME	671450.256	4341674.284	842.54
LOCATION L0000450	VOLUME	671431.805	4341657.415	842.04
LOCATION L0000451	VOLUME	671423.151	4341639.715	841.48
LOCATION L0000452	VOLUME	671438.499	4341619.982	842.07
LOCATION L0000453	VOLUME	671453.848	4341600.248	843.05
LOCATION L0000454	VOLUME	671448.030	4341584.574	842.79
LOCATION L0000455	VOLUME	671426.469	4341571.919	842.13
LOCATION L0000456	VOLUME	671407.414	4341573.757	842.31
LOCATION L0000457	VOLUME	671391.351	4341592.914	842.33
LOCATION L0000458	VOLUME	671375.289	4341612.071	841.66
LOCATION L0000459	VOLUME	671359.226	4341631.228	841.50
LOCATION L0000460	VOLUME	671343.164	4341650.385	841.33
LOCATION L0000461	VOLUME	671327.101	4341669.543	841.48
LOCATION L0000462	VOLUME	671311.039	4341688.700	840.16
LOCATION L0000463	VOLUME	671321.754	4341703.651	837.84
LOCATION L0000464	VOLUME	671342.916	4341716.963	837.54
LOCATION L0000465	VOLUME	671364.077	4341730.274	838.13
LOCATION L0000466	VOLUME	671380.405	4341716.693	839.13
LOCATION L0000467	VOLUME	671395.607	4341696.846	840.14
LOCATION L0000468	VOLUME	671394.492	4341679.385	840.62
LOCATION L0000469	VOLUME	671375.549	4341664.479	839.41
LOCATION L0000470	VOLUME	671389.130	4341643.489	840.36
LOCATION L0000471	VOLUME	671402.711	4341622.500	841.46
LOCATION L0000472	VOLUME	671416.293	4341601.511	842.19

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Potable Water Line Construction

** PREFIX

** Length of Side = 25.00

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 25.00

** SZINIT = 11.63

** Nodes = 18

** 671028.989, 4342172.289, 845.92, 5.00, 11.63

** 670818.405, 4342218.741, 827.55, 5.00, 11.63
** 670654.274, 4342178.482, 817.98, 5.00, 11.63
** 670545.885, 4342271.387, 817.41, 5.00, 11.63
** 670490.142, 4342305.452, 813.03, 5.00, 11.63
** 670437.497, 4342404.550, 816.61, 5.00, 11.63
** 670295.043, 4342491.261, 811.80, 5.00, 11.63
** 670164.976, 4342537.713, 807.97, 5.00, 11.63
** 670010.135, 4342618.231, 802.43, 5.00, 11.63
** 669972.974, 4342621.327, 800.04, 5.00, 11.63
** 669808.842, 4342574.875, 796.09, 5.00, 11.63
** 669700.454, 4342568.682, 790.24, 5.00, 11.63
** 669619.936, 4342593.456, 786.75, 5.00, 11.63
** 669539.419, 4342649.199, 784.43, 5.00, 11.63
** 669480.579, 4342711.135, 779.92, 5.00, 11.63
** 669443.418, 4342822.621, 786.11, 5.00, 11.63
** 669403.159, 4342838.105, 785.81, 5.00, 11.63
** 669359.803, 4342955.784, 783.58, 5.00, 11.63

** -----

LOCATION L0000473	VOLUME	671016.782	4342174.981	845.77
LOCATION L0000474	VOLUME	670992.369	4342180.367	844.74
LOCATION L0000475	VOLUME	670967.956	4342185.752	843.17
LOCATION L0000476	VOLUME	670943.543	4342191.137	840.47
LOCATION L0000477	VOLUME	670919.130	4342196.522	839.14
LOCATION L0000478	VOLUME	670894.717	4342201.908	835.42
LOCATION L0000479	VOLUME	670870.304	4342207.293	833.99
LOCATION L0000480	VOLUME	670845.891	4342212.678	830.69
LOCATION L0000481	VOLUME	670821.478	4342218.063	827.96
LOCATION L0000482	VOLUME	670797.181	4342213.535	826.23
LOCATION L0000483	VOLUME	670772.900	4342207.579	825.91
LOCATION L0000484	VOLUME	670748.620	4342201.624	826.49
LOCATION L0000485	VOLUME	670724.340	4342195.668	828.03
LOCATION L0000486	VOLUME	670700.060	4342189.713	828.54
LOCATION L0000487	VOLUME	670675.779	4342183.757	823.18
LOCATION L0000488	VOLUME	670652.105	4342180.342	819.12
LOCATION L0000489	VOLUME	670633.123	4342196.611	819.42
LOCATION L0000490	VOLUME	670614.142	4342212.881	819.37
LOCATION L0000491	VOLUME	670595.160	4342229.151	816.46
LOCATION L0000492	VOLUME	670576.179	4342245.421	816.34
LOCATION L0000493	VOLUME	670557.198	4342261.691	816.95
LOCATION L0000494	VOLUME	670537.266	4342276.654	816.28
LOCATION L0000495	VOLUME	670515.934	4342289.690	814.77
LOCATION L0000496	VOLUME	670494.602	4342302.726	813.48
LOCATION L0000497	VOLUME	670480.866	4342322.914	813.73
LOCATION L0000498	VOLUME	670469.137	4342344.992	814.26
LOCATION L0000499	VOLUME	670457.408	4342367.070	814.90
LOCATION L0000500	VOLUME	670445.679	4342389.148	815.87
LOCATION L0000501	VOLUME	670431.040	4342408.480	816.90
LOCATION L0000502	VOLUME	670409.685	4342421.479	817.41
LOCATION L0000503	VOLUME	670388.330	4342434.478	817.07
LOCATION L0000504	VOLUME	670366.975	4342447.476	816.55
LOCATION L0000505	VOLUME	670345.620	4342460.475	815.29
LOCATION L0000506	VOLUME	670324.265	4342473.474	812.39
LOCATION L0000507	VOLUME	670302.910	4342486.472	811.34
LOCATION L0000508	VOLUME	670280.173	4342496.572	811.31
LOCATION L0000509	VOLUME	670256.629	4342504.980	812.47

LOCATION L0000510	VOLUME	670233.086	4342513.389	813.61
LOCATION L0000511	VOLUME	670209.542	4342521.797	811.52
LOCATION L0000512	VOLUME	670185.998	4342530.206	809.66
LOCATION L0000513	VOLUME	670162.601	4342538.949	808.55
LOCATION L0000514	VOLUME	670140.420	4342550.482	807.85
LOCATION L0000515	VOLUME	670118.240	4342562.016	804.42
LOCATION L0000516	VOLUME	670096.060	4342573.550	803.88
LOCATION L0000517	VOLUME	670073.879	4342585.084	803.60
LOCATION L0000518	VOLUME	670051.699	4342596.618	803.38
LOCATION L0000519	VOLUME	670029.518	4342608.152	803.94
LOCATION L0000520	VOLUME	670006.993	4342618.493	803.26
LOCATION L0000521	VOLUME	669982.080	4342620.569	799.73
LOCATION L0000522	VOLUME	669957.711	4342617.008	799.37
LOCATION L0000523	VOLUME	669933.655	4342610.200	797.27
LOCATION L0000524	VOLUME	669909.600	4342603.392	793.57
LOCATION L0000525	VOLUME	669885.545	4342596.584	793.58
LOCATION L0000526	VOLUME	669861.490	4342589.776	794.32
LOCATION L0000527	VOLUME	669837.435	4342582.967	795.17
LOCATION L0000528	VOLUME	669813.380	4342576.159	795.54
LOCATION L0000529	VOLUME	669788.591	4342573.718	797.14
LOCATION L0000530	VOLUME	669763.632	4342572.292	797.52
LOCATION L0000531	VOLUME	669738.672	4342570.866	794.96
LOCATION L0000532	VOLUME	669713.713	4342569.439	792.28
LOCATION L0000533	VOLUME	669689.253	4342572.128	791.27
LOCATION L0000534	VOLUME	669665.359	4342579.480	791.33
LOCATION L0000535	VOLUME	669641.464	4342586.832	790.93
LOCATION L0000536	VOLUME	669617.900	4342594.866	786.94
LOCATION L0000537	VOLUME	669597.346	4342609.096	786.95
LOCATION L0000538	VOLUME	669576.791	4342623.326	786.70
LOCATION L0000539	VOLUME	669556.236	4342637.556	786.40
LOCATION L0000540	VOLUME	669536.288	4342652.495	786.12
LOCATION L0000541	VOLUME	669519.069	4342670.620	785.67
LOCATION L0000542	VOLUME	669501.850	4342688.745	782.89
LOCATION L0000543	VOLUME	669484.632	4342706.870	779.98
LOCATION L0000544	VOLUME	669474.534	4342729.271	779.93
LOCATION L0000545	VOLUME	669466.629	4342752.988	780.60
LOCATION L0000546	VOLUME	669458.723	4342776.705	783.24
LOCATION L0000547	VOLUME	669450.817	4342800.422	785.13
LOCATION L0000548	VOLUME	669441.924	4342823.195	785.96
LOCATION L0000549	VOLUME	669418.590	4342832.170	785.94
LOCATION L0000550	VOLUME	669400.232	4342846.050	785.86
LOCATION L0000551	VOLUME	669391.589	4342869.508	785.57
LOCATION L0000552	VOLUME	669382.947	4342892.967	785.42
LOCATION L0000553	VOLUME	669374.304	4342916.425	785.04
LOCATION L0000554	VOLUME	669365.661	4342939.884	784.34

** End of LINE VOLUME Source ID = SLINE5

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Brunswick Haul Trucks

** PREFIX

** Length of Side = 25.00

** Configuration = Adjacent

** Emission Rate = 1.0

** Vertical Dimension = 25.00

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** SZINIT = 11.63
** Nodes = 13
** 671171.954, 4342147.253, 840.86, 5.00, 11.63
** 671206.018, 4342106.543, 840.24, 5.00, 11.63
** 671264.176, 4342082.449, 844.50, 5.00, 11.63
** 671306.548, 4342024.291, 846.22, 5.00, 11.63
** 671340.612, 4341972.780, 844.72, 5.00, 11.63
** 671382.984, 4341943.702, 848.38, 5.00, 11.63
** 671410.401, 4341898.006, 847.87, 5.00, 11.63
** 671451.942, 4341819.078, 847.19, 5.00, 11.63
** 671513.423, 4341718.548, 847.18, 5.00, 11.63
** 671539.179, 4341668.699, 845.24, 5.00, 11.63
** 671531.701, 4341647.928, 843.68, 5.00, 11.63
** 671509.269, 4341642.943, 844.63, 5.00, 11.63
** 671502.622, 4341642.112, 844.53, 5.00, 11.63
** -----
LOCATION L0000674  VOLUME  671179.976 4342137.667 840.63
LOCATION L0000675  VOLUME  671196.019 4342118.493 840.20
LOCATION L0000676  VOLUME  671214.719 4342102.938 840.68
LOCATION L0000677  VOLUME  671237.816 4342093.370 841.65
LOCATION L0000678  VOLUME  671260.912 4342083.801 844.06
LOCATION L0000679  VOLUME  671276.817 4342065.099 844.53
LOCATION L0000680  VOLUME  671291.538 4342044.893 844.99
LOCATION L0000681  VOLUME  671306.260 4342024.687 846.67
LOCATION L0000682  VOLUME  671320.068 4342003.847 845.97
LOCATION L0000683  VOLUME  671333.858 4341982.994 845.71
LOCATION L0000684  VOLUME  671351.129 4341965.563 845.20
LOCATION L0000685  VOLUME  671371.742 4341951.417 846.75
LOCATION L0000686  VOLUME  671388.831 4341933.956 848.02
LOCATION L0000687  VOLUME  671401.693 4341912.519 847.85
LOCATION L0000688  VOLUME  671414.162 4341890.860 848.03
LOCATION L0000689  VOLUME  671425.806 4341868.737 848.11
LOCATION L0000690  VOLUME  671437.449 4341846.614 848.41
LOCATION L0000691  VOLUME  671449.093 4341824.491 848.27
LOCATION L0000692  VOLUME  671461.794 4341802.969 847.60
LOCATION L0000693  VOLUME  671474.837 4341781.641 847.19
LOCATION L0000694  VOLUME  671487.881 4341760.313 847.12
LOCATION L0000695  VOLUME  671500.924 4341738.986 847.05
LOCATION L0000696  VOLUME  671513.902 4341717.621 847.06
LOCATION L0000697  VOLUME  671525.378 4341695.410 846.45
LOCATION L0000698  VOLUME  671536.853 4341673.200 845.58
LOCATION L0000699  VOLUME  671532.427 4341649.943 843.97
LOCATION L0000700  VOLUME  671509.387 4341642.970 844.63
** End of LINE VOLUME Source ID = SLINE6
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Building Construction
** PREFIX
** Length of Side = 25.00
** Configuration = Adjacent
** Emission Rate = 0.0338983051
** Vertical Dimension = 25.00
** SZINIT = 11.63
** Nodes = 2

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** 671096.036, 4342091.032, 840.03, 5.00, 11.63
** 671120.477, 4342136.002, 841.20, 5.00, 11.63
** -----
LOCATION L0001020  VOLUME  671102.005 4342102.015 840.10
LOCATION L0001021  VOLUME  671113.943 4342123.980 841.11
** End of LINE VOLUME Source ID = SLINE7
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC Building Construction
** PREFIX
** Length of Side = 25.00
** Configuration = Adjacent
** Emission Rate = 0.7457627119
** Vertical Dimension = 25.00
** SZINIT = 11.63
** Nodes = 20
** 671149.806, 4342079.300, 835.29, 5.00, 11.63
** 671235.836, 4342057.793, 839.70, 5.00, 11.63
** 671212.373, 4342044.106, 838.00, 5.00, 11.63
** 671224.105, 4342024.554, 837.59, 5.00, 11.63
** 671262.232, 4342041.173, 841.17, 5.00, 11.63
** 671279.829, 4342017.710, 840.74, 5.00, 11.63
** 671235.836, 4341994.247, 836.76, 5.00, 11.63
** 671257.344, 4341964.919, 837.33, 5.00, 11.63
** 671305.247, 4341983.494, 841.09, 5.00, 11.63
** 671416.696, 4341838.806, 842.41, 5.00, 11.63
** 671397.143, 4341823.164, 841.01, 5.00, 11.63
** 671369.770, 4341859.336, 842.16, 5.00, 11.63
** 671349.240, 4341842.716, 839.41, 5.00, 11.63
** 671273.963, 4341959.053, 838.16, 5.00, 11.63
** 671252.456, 4341947.322, 837.00, 5.00, 11.63
** 671332.620, 4341826.097, 836.73, 5.00, 11.63
** 671275.918, 4341793.835, 833.54, 5.00, 11.63
** 671249.523, 4341827.074, 832.30, 5.00, 11.63
** 671272.986, 4341849.560, 835.96, 5.00, 11.63
** 671290.583, 4341823.164, 834.73, 5.00, 11.63
** -----
LOCATION L0001022  VOLUME  671161.932 4342076.269 836.29
LOCATION L0001023  VOLUME  671186.186 4342070.205 837.80
LOCATION L0001024  VOLUME  671210.439 4342064.142 838.88
LOCATION L0001025  VOLUME  671234.693 4342058.078 840.05
LOCATION L0001026  VOLUME  671215.259 4342045.790 838.25
LOCATION L0001027  VOLUME  671223.517 4342025.534 837.74
LOCATION L0001028  VOLUME  671245.974 4342034.087 839.65
LOCATION L0001029  VOLUME  671266.591 4342035.361 841.08
LOCATION L0001030  VOLUME  671277.238 4342016.328 840.92
LOCATION L0001031  VOLUME  671255.179 4342004.564 838.90
LOCATION L0001032  VOLUME  671237.656 4341991.766 837.06
LOCATION L0001033  VOLUME  671252.440 4341971.605 837.42
LOCATION L0001034  VOLUME  671272.922 4341970.959 838.80
LOCATION L0001035  VOLUME  671296.231 4341979.998 840.57
LOCATION L0001036  VOLUME  671314.602 4341971.349 841.19
LOCATION L0001037  VOLUME  671329.857 4341951.543 841.38
LOCATION L0001038  VOLUME  671345.113 4341931.738 842.20

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LOCATION L0001039	VOLUME	671360.369	4341911.932	842.79
LOCATION L0001040	VOLUME	671375.624	4341892.126	843.79
LOCATION L0001041	VOLUME	671390.880	4341872.321	844.45
LOCATION L0001042	VOLUME	671406.136	4341852.515	842.49
LOCATION L0001043	VOLUME	671410.687	4341833.999	841.62
LOCATION L0001044	VOLUME	671392.523	4341829.269	840.71
LOCATION L0001045	VOLUME	671377.437	4341849.204	842.41
LOCATION L0001046	VOLUME	671360.215	4341851.601	841.50
LOCATION L0001047	VOLUME	671343.329	4341851.851	839.63
LOCATION L0001048	VOLUME	671329.748	4341872.840	839.37
LOCATION L0001049	VOLUME	671316.167	4341893.830	839.27
LOCATION L0001050	VOLUME	671302.585	4341914.819	839.02
LOCATION L0001051	VOLUME	671289.004	4341935.808	838.67
LOCATION L0001052	VOLUME	671275.423	4341956.797	838.47
LOCATION L0001053	VOLUME	671254.375	4341948.368	836.96
LOCATION L0001054	VOLUME	671265.040	4341928.292	836.86
LOCATION L0001055	VOLUME	671278.829	4341907.439	837.36
LOCATION L0001056	VOLUME	671292.619	4341886.586	837.83
LOCATION L0001057	VOLUME	671306.409	4341865.734	837.52
LOCATION L0001058	VOLUME	671320.199	4341844.881	836.96
LOCATION L0001059	VOLUME	671330.465	4341824.870	836.38
LOCATION L0001060	VOLUME	671308.735	4341812.507	834.91
LOCATION L0001061	VOLUME	671287.006	4341800.144	833.90
LOCATION L0001062	VOLUME	671268.305	4341803.423	833.17
LOCATION L0001063	VOLUME	671252.758	4341823.001	832.52
LOCATION L0001064	VOLUME	671263.817	4341840.773	834.93
LOCATION L0001065	VOLUME	671279.809	4341839.325	835.46
** End of LINE VOLUME Source ID = SLINE8				
LOCATION VOL1	VOLUME	670986.540	4342143.820	839.730
** DESCRSRC Building Construction				
LOCATION VOL2	VOLUME	671212.860	4341826.590	830.180
** DESCRSRC Building Construction				
** -----				
** Line Source Represented by Adjacent Volume Sources				
** LINE VOLUME Source ID = SLINE9				
** DESCRSRC Haul Trucks Offsite				
** PREFIX				
** Length of Side = 25.00				
** Configuration = Adjacent				
** Emission Rate = 1.0				
** Vertical Dimension = 25.00				
** SZINIT = 11.63				
** Nodes = 31				
** 671100.390, 4342105.716, 840.01, 5.00, 11.63				
** 671157.532, 4342155.015, 841.64, 5.00, 11.63				
** 671126.720, 4342165.658, 843.53, 5.00, 11.63				
** 671084.144, 4342156.135, 844.57, 5.00, 11.63				
** 671059.495, 4342162.297, 845.82, 5.00, 11.63				
** 671056.134, 4342170.140, 846.77, 5.00, 11.63				
** 671185.542, 4342301.789, 858.18, 5.00, 11.63				
** 671097.589, 4342386.381, 860.17, 5.00, 11.63				
** 671005.545, 4342511.585, 849.35, 5.00, 11.63				
** 670890.207, 4342730.029, 863.45, 5.00, 11.63				
** 670830.790, 4342808.668, 866.17, 5.00, 11.63				
** 670498.756, 4343032.354, 834.29, 5.00, 11.63				

** 670447.581, 4343092.685, 828.01, 5.00, 11.63
** 670411.930, 4343161.016, 823.25, 5.00, 11.63
** 670358.453, 4343150.618, 826.43, 5.00, 11.63
** 670293.093, 4343190.726, 826.06, 5.00, 11.63
** 669961.834, 4343306.592, 825.83, 5.00, 11.63
** 669709.305, 4343278.368, 806.87, 5.00, 11.63
** 669632.061, 4343294.708, 799.33, 5.00, 11.63
** 669502.826, 4343363.039, 783.92, 5.00, 11.63
** 669435.980, 4343367.496, 782.99, 5.00, 11.63
** 669311.201, 4343319.961, 778.32, 5.00, 11.63
** 669223.212, 4343239.416, 772.95, 5.00, 11.63
** 669136.271, 4343309.182, 763.57, 5.00, 11.63
** 669100.852, 4343424.024, 761.18, 5.00, 11.63
** 668898.001, 4343375.726, 760.52, 5.00, 11.63
** 668761.694, 4343395.045, 757.74, 5.00, 11.63
** 668675.831, 4343393.972, 756.11, 5.00, 11.63
** 668527.718, 4343407.924, 749.99, 5.00, 11.63
** 668346.332, 4343340.307, 747.90, 5.00, 11.63
** 668237.930, 4343290.936, 744.31, 5.00, 11.63

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LOCATION L0000851	VOLUME	671109.855	4342113.881	840.29
LOCATION L0000852	VOLUME	671128.784	4342130.212	840.50
LOCATION L0000853	VOLUME	671147.713	4342146.543	841.31
LOCATION L0000854	VOLUME	671146.159	4342158.943	842.36
LOCATION L0000855	VOLUME	671122.394	4342164.691	843.88
LOCATION L0000856	VOLUME	671097.997	4342159.233	844.58
LOCATION L0000857	VOLUME	671073.661	4342158.756	845.39
LOCATION L0000858	VOLUME	671057.441	4342171.470	846.77
LOCATION L0000859	VOLUME	671074.966	4342189.299	847.30
LOCATION L0000860	VOLUME	671092.492	4342207.127	849.10
LOCATION L0000861	VOLUME	671110.017	4342224.956	849.94
LOCATION L0000862	VOLUME	671127.542	4342242.785	850.67
LOCATION L0000863	VOLUME	671145.067	4342260.614	854.02
LOCATION L0000864	VOLUME	671162.593	4342278.442	855.47
LOCATION L0000865	VOLUME	671180.118	4342296.271	857.44
LOCATION L0000866	VOLUME	671173.100	4342313.756	858.93
LOCATION L0000867	VOLUME	671155.082	4342331.086	859.74
LOCATION L0000868	VOLUME	671137.063	4342348.416	860.07
LOCATION L0000869	VOLUME	671119.045	4342365.746	860.49
LOCATION L0000870	VOLUME	671101.026	4342383.076	860.25
LOCATION L0000871	VOLUME	671085.606	4342402.682	859.12
LOCATION L0000872	VOLUME	671070.798	4342422.825	857.81
LOCATION L0000873	VOLUME	671055.990	4342442.967	855.36
LOCATION L0000874	VOLUME	671041.182	4342463.110	852.16
LOCATION L0000875	VOLUME	671026.374	4342483.252	850.13
LOCATION L0000876	VOLUME	671011.566	4342503.395	849.49
LOCATION L0000877	VOLUME	670998.619	4342524.704	849.49
LOCATION L0000878	VOLUME	670986.946	4342546.811	850.70
LOCATION L0000879	VOLUME	670975.273	4342568.919	851.88
LOCATION L0000880	VOLUME	670963.600	4342591.026	852.48
LOCATION L0000881	VOLUME	670951.927	4342613.134	853.49
LOCATION L0000882	VOLUME	670940.255	4342635.242	855.41
LOCATION L0000883	VOLUME	670928.582	4342657.349	857.33
LOCATION L0000884	VOLUME	670916.909	4342679.457	859.07
LOCATION L0000885	VOLUME	670905.236	4342701.564	859.86

LOCATION L0000886	VOLUME	670893.563	4342723.672	861.96
LOCATION L0000887	VOLUME	670879.470	4342744.240	864.78
LOCATION L0000888	VOLUME	670864.399	4342764.187	865.53
LOCATION L0000889	VOLUME	670849.328	4342784.133	865.89
LOCATION L0000890	VOLUME	670834.257	4342804.080	866.23
LOCATION L0000891	VOLUME	670814.826	4342819.423	865.02
LOCATION L0000892	VOLUME	670794.092	4342833.391	863.00
LOCATION L0000893	VOLUME	670773.358	4342847.360	860.17
LOCATION L0000894	VOLUME	670752.624	4342861.328	859.95
LOCATION L0000895	VOLUME	670731.890	4342875.296	858.15
LOCATION L0000896	VOLUME	670711.157	4342889.264	855.18
LOCATION L0000897	VOLUME	670690.423	4342903.232	853.28
LOCATION L0000898	VOLUME	670669.689	4342917.200	851.84
LOCATION L0000899	VOLUME	670648.955	4342931.168	849.94
LOCATION L0000900	VOLUME	670628.221	4342945.136	847.09
LOCATION L0000901	VOLUME	670607.487	4342959.104	844.46
LOCATION L0000902	VOLUME	670586.753	4342973.072	843.05
LOCATION L0000903	VOLUME	670566.020	4342987.040	841.73
LOCATION L0000904	VOLUME	670545.286	4343001.008	837.82
LOCATION L0000905	VOLUME	670524.552	4343014.976	836.62
LOCATION L0000906	VOLUME	670503.818	4343028.945	835.11
LOCATION L0000907	VOLUME	670486.532	4343046.765	832.10
LOCATION L0000908	VOLUME	670470.361	4343065.830	830.78
LOCATION L0000909	VOLUME	670454.189	4343084.895	829.37
LOCATION L0000910	VOLUME	670440.742	4343105.793	826.02
LOCATION L0000911	VOLUME	670429.178	4343127.958	824.42
LOCATION L0000912	VOLUME	670417.613	4343150.122	823.93
LOCATION L0000913	VOLUME	670399.451	4343158.590	824.50
LOCATION L0000914	VOLUME	670374.911	4343153.818	825.42
LOCATION L0000915	VOLUME	670351.435	4343154.925	826.32
LOCATION L0000916	VOLUME	670330.127	4343168.000	826.33
LOCATION L0000917	VOLUME	670308.819	4343181.075	826.43
LOCATION L0000918	VOLUME	670286.911	4343192.888	826.28
LOCATION L0000919	VOLUME	670263.313	4343201.142	826.39
LOCATION L0000920	VOLUME	670239.714	4343209.396	826.43
LOCATION L0000921	VOLUME	670216.116	4343217.650	826.43
LOCATION L0000922	VOLUME	670192.518	4343225.904	826.52
LOCATION L0000923	VOLUME	670168.920	4343234.158	826.57
LOCATION L0000924	VOLUME	670145.322	4343242.412	826.58
LOCATION L0000925	VOLUME	670121.724	4343250.666	826.33
LOCATION L0000926	VOLUME	670098.126	4343258.920	826.01
LOCATION L0000927	VOLUME	670074.528	4343267.174	825.73
LOCATION L0000928	VOLUME	670050.930	4343275.428	825.63
LOCATION L0000929	VOLUME	670027.331	4343283.682	825.76
LOCATION L0000930	VOLUME	670003.733	4343291.936	825.85
LOCATION L0000931	VOLUME	669980.135	4343300.190	825.81
LOCATION L0000932	VOLUME	669956.257	4343305.968	825.68
LOCATION L0000933	VOLUME	669931.412	4343303.192	824.84
LOCATION L0000934	VOLUME	669906.567	4343300.415	822.87
LOCATION L0000935	VOLUME	669881.721	4343297.638	821.45
LOCATION L0000936	VOLUME	669856.876	4343294.861	819.70
LOCATION L0000937	VOLUME	669832.031	4343292.084	816.88
LOCATION L0000938	VOLUME	669807.185	4343289.307	815.02
LOCATION L0000939	VOLUME	669782.340	4343286.531	812.84
LOCATION L0000940	VOLUME	669757.495	4343283.754	810.77

LOCATION L0000941	VOLUME	669732.649	4343280.977	809.48
LOCATION L0000942	VOLUME	669707.827	4343278.681	807.09
LOCATION L0000943	VOLUME	669683.369	4343283.854	804.68
LOCATION L0000944	VOLUME	669658.910	4343289.028	803.03
LOCATION L0000945	VOLUME	669634.451	4343294.202	799.27
LOCATION L0000946	VOLUME	669612.120	4343305.252	797.49
LOCATION L0000947	VOLUME	669590.019	4343316.937	795.31
LOCATION L0000948	VOLUME	669567.918	4343328.623	791.52
LOCATION L0000949	VOLUME	669545.817	4343340.308	789.33
LOCATION L0000950	VOLUME	669523.716	4343351.994	786.27
LOCATION L0000951	VOLUME	669501.460	4343363.130	783.56
LOCATION L0000952	VOLUME	669476.515	4343364.793	783.04
LOCATION L0000953	VOLUME	669451.571	4343366.456	782.38
LOCATION L0000954	VOLUME	669427.219	4343364.158	782.22
LOCATION L0000955	VOLUME	669403.857	4343355.258	782.67
LOCATION L0000956	VOLUME	669380.495	4343346.358	782.73
LOCATION L0000957	VOLUME	669357.133	4343337.459	781.40
LOCATION L0000958	VOLUME	669333.771	4343328.559	779.35
LOCATION L0000959	VOLUME	669310.575	4343319.388	778.19
LOCATION L0000960	VOLUME	669292.135	4343302.508	777.66
LOCATION L0000961	VOLUME	669273.694	4343285.627	776.69
LOCATION L0000962	VOLUME	669255.254	4343268.747	775.42
LOCATION L0000963	VOLUME	669236.813	4343251.867	773.97
LOCATION L0000964	VOLUME	669218.095	4343243.523	772.56
LOCATION L0000965	VOLUME	669198.596	4343259.169	771.23
LOCATION L0000966	VOLUME	669179.098	4343274.816	769.48
LOCATION L0000967	VOLUME	669159.599	4343290.462	766.84
LOCATION L0000968	VOLUME	669140.101	4343306.108	763.92
LOCATION L0000969	VOLUME	669130.350	4343328.379	762.41
LOCATION L0000970	VOLUME	669122.982	4343352.268	761.90
LOCATION L0000971	VOLUME	669115.615	4343376.158	760.57
LOCATION L0000972	VOLUME	669108.247	4343400.048	759.58
LOCATION L0000973	VOLUME	669100.879	4343423.937	761.18
LOCATION L0000974	VOLUME	669076.620	4343418.254	760.72
LOCATION L0000975	VOLUME	669052.300	4343412.464	760.49
LOCATION L0000976	VOLUME	669027.980	4343406.673	760.49
LOCATION L0000977	VOLUME	669003.660	4343400.883	760.19
LOCATION L0000978	VOLUME	668979.339	4343395.092	759.86
LOCATION L0000979	VOLUME	668955.019	4343389.302	760.11
LOCATION L0000980	VOLUME	668930.699	4343383.511	760.54
LOCATION L0000981	VOLUME	668906.379	4343377.721	760.45
LOCATION L0000982	VOLUME	668881.775	4343378.026	760.76
LOCATION L0000983	VOLUME	668857.023	4343381.534	759.97
LOCATION L0000984	VOLUME	668832.270	4343385.042	758.64
LOCATION L0000985	VOLUME	668807.517	4343388.550	758.01
LOCATION L0000986	VOLUME	668782.765	4343392.059	757.71
LOCATION L0000987	VOLUME	668757.976	4343394.998	757.62
LOCATION L0000988	VOLUME	668732.978	4343394.686	757.48
LOCATION L0000989	VOLUME	668707.980	4343394.374	757.60
LOCATION L0000990	VOLUME	668682.982	4343394.061	756.63
LOCATION L0000991	VOLUME	668658.061	4343395.646	754.66
LOCATION L0000992	VOLUME	668633.171	4343397.990	752.92
LOCATION L0000993	VOLUME	668608.281	4343400.335	751.13
LOCATION L0000994	VOLUME	668583.391	4343402.680	750.39
LOCATION L0000995	VOLUME	668558.502	4343405.024	750.40

LOCATION L0000996	VOLUME	668533.612	4343407.369	750.24
LOCATION L0000997	VOLUME	668509.840	4343401.260	750.01
LOCATION L0000998	VOLUME	668486.414	4343392.527	749.61
LOCATION L0000999	VOLUME	668462.989	4343383.795	749.06
LOCATION L0001000	VOLUME	668439.564	4343375.062	748.47
LOCATION L0001001	VOLUME	668416.139	4343366.330	747.88
LOCATION L0001002	VOLUME	668392.713	4343357.597	747.60
LOCATION L0001003	VOLUME	668369.288	4343348.865	747.66
LOCATION L0001004	VOLUME	668345.876	4343340.100	747.83
LOCATION L0001005	VOLUME	668323.125	4343329.738	748.25
LOCATION L0001006	VOLUME	668300.373	4343319.376	747.85
LOCATION L0001007	VOLUME	668277.622	4343309.014	745.31
LOCATION L0001008	VOLUME	668254.870	4343298.652	744.80

** End of LINE VOLUME Source ID = SLINE9

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE1

** DESCRSRC Parking Lot Construction

** PREFIX

** Length of Side = 25.00

** Configuration = Adjacent

** Emission Rate = 0.186440678

** Vertical Dimension = 25.00

** SZINIT = 11.63

** Nodes = 4

** 671432.613, 4341768.491, 841.51, 5.00, 11.63

** 671503.096, 4341665.625, 845.38, 5.00, 11.63

** 671535.003, 4341688.960, 846.40, 5.00, 11.63

** 671461.187, 4341787.540, 846.34, 5.00, 11.63

** -----

LOCATION L0001066	VOLUME	671439.679	4341758.179	841.63
LOCATION L0001067	VOLUME	671453.810	4341737.556	843.49
LOCATION L0001068	VOLUME	671467.940	4341716.933	844.22
LOCATION L0001069	VOLUME	671482.071	4341696.309	844.65
LOCATION L0001070	VOLUME	671496.202	4341675.686	845.09
LOCATION L0001071	VOLUME	671513.431	4341673.183	845.51
LOCATION L0001072	VOLUME	671533.610	4341687.941	846.27
LOCATION L0001073	VOLUME	671521.053	4341707.590	847.03
LOCATION L0001074	VOLUME	671506.069	4341727.602	847.01
LOCATION L0001075	VOLUME	671491.084	4341747.613	846.77
LOCATION L0001076	VOLUME	671476.100	4341767.625	846.48

** End of LINE VOLUME Source ID = SLINE1

LOCATION PAREA2	AREAPOLY	671251.634	4341735.291	833.730

** DESCRSRC Brunswick Equipment Fugitive Dust

LOCATION PAREA3	AREAPOLY	668752.004	4343310.384	756.570

** DESCRSRC Centennial Equipment Fugitive Dust Emissions

** Source Parameters **

SRCPARAM PAREA1	0.0008984234	3.000	6	
AREAVERT PAREA1	671100.248	4342103.913	671093.909	4342077.146
AREAVERT PAREA1	671125.959	4342069.045	671134.412	4342110.957
AREAVERT PAREA1	671120.324	4342113.422	671116.450	4342099.686
SRCPARAM STCK1	0.1666666667	19.510	0.000	5.77000 1.480
SRCPARAM STCK2	0.1666666667	19.510	0.000	5.77000 1.480
SRCPARAM STCK3	0.1666666667	19.510	0.000	5.77000 1.480
SRCPARAM STCK4	0.1666666667	19.510	0.000	5.77000 1.480

SRCPARAM STCK5	0.166666667	19.510	0.000	5.77000	1.480
SRCPARAM STCK6	0.166666667	19.510	0.000	5.77000	1.480
SRCPARAM STCK7	1.0	50.300	293.150	2.33773	7.170
SRCPARAM STCK8	1.0	9.144	730.370	40.86000	0.457
SRCPARAM STCK9	1.0	3.600	0.000	0.00100	0.001
SRCPARAM STCK10	1.0	3.600	0.000	0.00100	0.001

** LINE VOLUME Source ID = SLINE2

SRCPARAM L0000555	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000556	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000557	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000558	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000559	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000560	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000561	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000562	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000563	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000564	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000565	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000566	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000567	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000568	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000569	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000570	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000571	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000572	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000573	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000574	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000575	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000576	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000577	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000578	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000579	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000580	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000581	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000582	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000583	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000584	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000585	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000586	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000587	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000588	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000589	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000590	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000591	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000592	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000593	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000594	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000595	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000596	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000597	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000598	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000599	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000600	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000601	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000602	0.0084033613	5.00	11.63	11.63

[illegible]

SRCPARAM L0000658	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000659	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000660	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000661	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000662	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000663	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000664	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000665	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000666	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000667	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000668	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000669	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000670	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000671	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000672	0.0084033613	5.00	11.63	11.63
SRCPARAM L0000673	0.0084033613	5.00	11.63	11.63

** LINE VOLUME Source ID = SLINE3

[illegible]

[illegible]

[illegible]

[illegible]

SRCPARAM L0000459	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000460	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000461	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000462	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000463	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000464	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000465	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000466	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000467	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000468	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000469	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000470	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000471	0.0153846154	5.00	11.63	11.63
SRCPARAM L0000472	0.0153846154	5.00	11.63	11.63

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** LINE VOLUME Source ID = SLINE5

SRCPARAM L0000473	0.012195122	5.00	11.63	11.63
SRCPARAM L0000474	0.012195122	5.00	11.63	11.63
SRCPARAM L0000475	0.012195122	5.00	11.63	11.63
SRCPARAM L0000476	0.012195122	5.00	11.63	11.63
SRCPARAM L0000477	0.012195122	5.00	11.63	11.63
SRCPARAM L0000478	0.012195122	5.00	11.63	11.63
SRCPARAM L0000479	0.012195122	5.00	11.63	11.63
SRCPARAM L0000480	0.012195122	5.00	11.63	11.63
SRCPARAM L0000481	0.012195122	5.00	11.63	11.63
SRCPARAM L0000482	0.012195122	5.00	11.63	11.63
SRCPARAM L0000483	0.012195122	5.00	11.63	11.63
SRCPARAM L0000484	0.012195122	5.00	11.63	11.63
SRCPARAM L0000485	0.012195122	5.00	11.63	11.63
SRCPARAM L0000486	0.012195122	5.00	11.63	11.63
SRCPARAM L0000487	0.012195122	5.00	11.63	11.63
SRCPARAM L0000488	0.012195122	5.00	11.63	11.63
SRCPARAM L0000489	0.012195122	5.00	11.63	11.63
SRCPARAM L0000490	0.012195122	5.00	11.63	11.63
SRCPARAM L0000491	0.012195122	5.00	11.63	11.63
SRCPARAM L0000492	0.012195122	5.00	11.63	11.63
SRCPARAM L0000493	0.012195122	5.00	11.63	11.63
SRCPARAM L0000494	0.012195122	5.00	11.63	11.63
SRCPARAM L0000495	0.012195122	5.00	11.63	11.63
SRCPARAM L0000496	0.012195122	5.00	11.63	11.63
SRCPARAM L0000497	0.012195122	5.00	11.63	11.63
SRCPARAM L0000498	0.012195122	5.00	11.63	11.63
SRCPARAM L0000499	0.012195122	5.00	11.63	11.63
SRCPARAM L0000500	0.012195122	5.00	11.63	11.63
SRCPARAM L0000501	0.012195122	5.00	11.63	11.63
SRCPARAM L0000502	0.012195122	5.00	11.63	11.63
SRCPARAM L0000503	0.012195122	5.00	11.63	11.63
SRCPARAM L0000504	0.012195122	5.00	11.63	11.63
SRCPARAM L0000505	0.012195122	5.00	11.63	11.63
SRCPARAM L0000506	0.012195122	5.00	11.63	11.63
SRCPARAM L0000507	0.012195122	5.00	11.63	11.63
SRCPARAM L0000508	0.012195122	5.00	11.63	11.63
SRCPARAM L0000509	0.012195122	5.00	11.63	11.63
SRCPARAM L0000510	0.012195122	5.00	11.63	11.63
SRCPARAM L0000511	0.012195122	5.00	11.63	11.63

SRCPARAM L0000674	0.037037037	5.00	11.63	11.63
SRCPARAM L0000675	0.037037037	5.00	11.63	11.63
SRCPARAM L0000676	0.037037037	5.00	11.63	11.63
SRCPARAM L0000677	0.037037037	5.00	11.63	11.63
SRCPARAM L0000678	0.037037037	5.00	11.63	11.63
SRCPARAM L0000679	0.037037037	5.00	11.63	11.63
SRCPARAM L0000680	0.037037037	5.00	11.63	11.63
SRCPARAM L0000681	0.037037037	5.00	11.63	11.63
SRCPARAM L0000682	0.037037037	5.00	11.63	11.63
SRCPARAM L0000683	0.037037037	5.00	11.63	11.63

SRCPARAM L0000684	0.037037037	5.00	11.63	11.63
SRCPARAM L0000685	0.037037037	5.00	11.63	11.63
SRCPARAM L0000686	0.037037037	5.00	11.63	11.63
SRCPARAM L0000687	0.037037037	5.00	11.63	11.63
SRCPARAM L0000688	0.037037037	5.00	11.63	11.63
SRCPARAM L0000689	0.037037037	5.00	11.63	11.63
SRCPARAM L0000690	0.037037037	5.00	11.63	11.63
SRCPARAM L0000691	0.037037037	5.00	11.63	11.63
SRCPARAM L0000692	0.037037037	5.00	11.63	11.63
SRCPARAM L0000693	0.037037037	5.00	11.63	11.63
SRCPARAM L0000694	0.037037037	5.00	11.63	11.63
SRCPARAM L0000695	0.037037037	5.00	11.63	11.63
SRCPARAM L0000696	0.037037037	5.00	11.63	11.63
SRCPARAM L0000697	0.037037037	5.00	11.63	11.63
SRCPARAM L0000698	0.037037037	5.00	11.63	11.63
SRCPARAM L0000699	0.037037037	5.00	11.63	11.63
SRCPARAM L0000700	0.037037037	5.00	11.63	11.63

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** LINE VOLUME Source ID = SLINE7

SRCPARAM L0001020	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001021	0.0169491525	5.00	11.63	11.63

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** LINE VOLUME Source ID = SLINE8

SRCPARAM L0001022	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001023	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001024	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001025	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001026	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001027	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001028	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001029	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001030	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001031	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001032	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001033	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001034	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001035	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001036	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001037	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001038	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001039	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001040	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001041	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001042	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001043	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001044	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001045	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001046	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001047	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001048	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001049	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001050	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001051	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001052	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001053	0.0169491525	5.00	11.63	11.63

SRCPARAM L0001054	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001055	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001056	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001057	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001058	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001059	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001060	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001061	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001062	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001063	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001064	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001065	0.0169491525	5.00	11.63	11.63

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SRCPARAM VOL1	0.0169491525	5.000	5.814	1.163
SRCPARAM VOL2	0.0169491525	5.000	5.814	1.163

** LINE VOLUME Source ID = SLINE9

SRCPARAM L0000851	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000852	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000853	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000854	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000855	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000856	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000857	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000858	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000859	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000860	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000861	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000862	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000863	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000864	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000865	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000866	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000867	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000868	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000869	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000870	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000871	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000872	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000873	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000874	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000875	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000876	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000877	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000878	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000879	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000880	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000881	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000882	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000883	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000884	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000885	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000886	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000887	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000888	0.0063291139	5.00	11.63	11.63
SRCPARAM L0000889	0.0063291139	5.00	11.63	11.63

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SRCPARAM L0001000	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001001	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001002	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001003	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001004	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001005	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001006	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001007	0.0063291139	5.00	11.63	11.63
SRCPARAM L0001008	0.0063291139	5.00	11.63	11.63

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** LINE VOLUME Source ID = SLINE1

SRCPARAM L0001066	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001067	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001068	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001069	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001070	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001071	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001072	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001073	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001074	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001075	0.0169491525	5.00	11.63	11.63
SRCPARAM L0001076	0.0169491525	5.00	11.63	11.63

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SRCPARAM PAREA2	0.0000243582	1.000	4	
AREAVERT PAREA2	671251.634	4341735.291	671391.219	4341817.400
AREAVERT PAREA2	671534.454	4341618.514	671403.992	4341521.808
SRCPARAM PAREA3	4.8598E-06	1.000	13	
AREAVERT PAREA3	668752.004	4343310.384	668969.198	4343340.690
AREAVERT PAREA3	669111.890	4343372.259	669133.357	4343300.282
AREAVERT PAREA3	669217.961	4343232.093	669298.778	4343296.494
AREAVERT PAREA3	669359.390	4342983.330	669313.931	4342927.768
AREAVERT PAREA3	669034.861	4342951.761	668927.527	4343048.993
AREAVERT PAREA3	668805.040	4343013.636	668682.552	4343094.452
AREAVERT PAREA3	668696.442	4343201.787		

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2

** Saturday:

EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2

** Sunday:

EMISFACT PAREA1	HRDOW 0.0 0.0 0.0 0.0 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2
EMISFACT PAREA1	HRDOW 1.2 1.2 1.2 1.2 1.2 1.2

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 2"


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** WeekDays:
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**** Saturday:**

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EMISFACT L0000670	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000670	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000670	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000670	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0000671	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000671	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000671	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000671	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0000672	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000672	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000672	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000672	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0000673	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000673	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000673	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0000673	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0

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EMISFACT L0001002	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001002	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001002	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001003	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001003	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001003	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001003	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001004	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001004	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001004	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001004	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001005	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001005	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001005	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001005	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001006	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001006	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001006	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001006	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001007	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001007	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001007	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001007	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0
EMISFACT L0001008	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001008	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001008	HRDOW 1.5 1.5 1.5 1.5 1.5 1.5
EMISFACT L0001008	HRDOW 1.5 1.5 1.5 1.5 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 3"

** WeekDays:

EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA3	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

**** Saturday:**

EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000151	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000152	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000401	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 L0000402	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000402	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000402	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 L0000403	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000403	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000403	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
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000404	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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
EMISFACT L0000403	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000403	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
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000404	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000404	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000405	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000406	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 6.0 6.0 6.0 6.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000407	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 4"

** WeekDays:

EMISFACT PAREA2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0

** Saturday:

EMISFACT PAREA2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT PAREA2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT PAREA2	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0

** WeekDays:

EMISFACT L0000408	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000408	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000408	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000408	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000409	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000409	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000409	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000409	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000410	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000410	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000410	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000410	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000411	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000411	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

**** Sunday:**

EMISFAC

[illegible]

[illegible]

[illegible]

EMISFACT L0000460	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000460	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000460	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000460	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000461	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000461	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000461	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000461	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000462	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000462	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000462	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000462	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000463	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000463	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000463	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000463	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000464	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000464	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000464	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000464	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000465	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000465	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000465	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000465	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000466	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000466	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000466	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000466	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000467	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000467	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000467	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000467	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000468	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000468	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000468	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000468	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000469	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000469	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000469	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000469	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000470	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000470	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000470	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000470	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000471	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000471	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000471	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000471	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000472	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000472	HRDOW 0.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000472	HRDOW 2.0 2.0 2.0 2.0 2.0 2.0
EMISFACT L0000472	HRDOW 2.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 5"

```
** WeekDays:
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

**** Saturday:**

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

** Variable Emissions Type: "By Hour / Day (HRDOW)"
 ** Variable Emission Scenario: "Scenario 6"

```
** WeekDays:
```

[illegible]

**** Saturday:**

EMISFACT L0001066	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001066	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001066	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001066	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001067	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001067	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001067	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001067	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001068	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

[illegible]

```
** WeekDays:
```

EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001020	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001020	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001021	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001021	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0

**** Saturday:**

EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001020	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001020	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001021	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001021	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0

**** Sunday:**

EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001020	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001021	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

```

** WeekDays:

```

EMISFACT L0001022	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001022	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0

[illegible]

[illegible]

[illegible]

EMISFACT L0001063	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001064	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001064	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001064	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001064	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001065	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001065	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001065	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001065	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0

[illegible]

[illegible]

[illegible]

EMISFACT L0001060	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001061	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001061	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001061	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001061	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001062	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001062	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001062	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001062	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001063	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001063	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001063	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001063	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001064	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001064	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001064	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001064	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001065	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001065	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001065	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT L0001065	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0

**** Sunday:**

[illegible]

[illegible]

[illegible]

[illegible]

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** WeekDays:

```

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL1	HRDOW	3.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL1	HRDOW	3.0	0.0	0.0	0.0	0.0	0.0

**** Saturday:**

EMISFACT VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL1	HRDOW	0.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL1	HRDOW	3.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL1	HRDOW	3.0	0.0	0.0	0.0	0.0	0.0

**** Sunday:**

EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0 0.0

```

** WeekDays:

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EMISFACT VOL2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT VOL2	HRDOW	0.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL2	HRDOW	3.0	3.0	3.0	3.0	3.0	3.0
EMISFACT VOL2	HRDOW	3.0	0.0	0.0	0.0	0.0	0.0

**** Saturday:**

EMISFACT VOL2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

EMISFACT VOL2	HRDOW 0.0 3.0 3.0 3.0 3.0 3.0
EMISFACT VOL2	HRDOW 3.0 3.0 3.0 3.0 3.0 3.0
EMISFACT VOL2	HRDOW 3.0 0.0 0.0 0.0 0.0 0.0

** Sunday:

EMISFACT VOL2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL2	HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

SRCGROUP SRCGP1	PAREA1
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SRCGROUP SRCGP13 L0001007 L0001008
SRCGROUP SRCGP14 PAREA2
SRCGROUP SRCGP15 PAREA3

SO FINISHED

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED IMM.rou
RE FINISHED

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE 725845\725845.SFC

PROFFILE 725845\725845.PFL
SURFDATA 23225 2009
UAIRDATA 3198 2009
PROFBASE 1608.1 METERS
ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST

** Auto-Generated Plotfiles
PLOTFILE 1 SRCGP1 1ST IMM.AD\01H1G001.PLT 31
PLOTFILE 1 SRCGP2 1ST IMM.AD\01H1G002.PLT 32
PLOTFILE 1 SRCGP3 1ST IMM.AD\01H1G003.PLT 33
PLOTFILE 1 SRCGP4 1ST IMM.AD\01H1G004.PLT 34
PLOTFILE 1 SRCGP5 1ST IMM.AD\01H1G005.PLT 35
PLOTFILE 1 SRCGP6 1ST IMM.AD\01H1G006.PLT 36
PLOTFILE 1 SRCGP7 1ST IMM.AD\01H1G007.PLT 37
PLOTFILE 1 SRCGP8 1ST IMM.AD\01H1G008.PLT 38
PLOTFILE 1 SRCGP9 1ST IMM.AD\01H1G009.PLT 39
PLOTFILE 1 SRCGP10 1ST IMM.AD\01H1G010.PLT 40
PLOTFILE 1 SRCGP11 1ST IMM.AD\01H1G011.PLT 41
PLOTFILE 1 SRCGP12 1ST IMM.AD\01H1G012.PLT 42
PLOTFILE 1 SRCGP13 1ST IMM.AD\01H1G013.PLT 43
PLOTFILE 1 SRCGP14 1ST IMM.AD\01H1G014.PLT 44
PLOTFILE 1 SRCGP15 1ST IMM.AD\01H1G015.PLT 45
PLOTFILE PERIOD SRCGP1 IMM.AD\PE00G001.PLT 46
PLOTFILE PERIOD SRCGP2 IMM.AD\PE00G002.PLT 47
PLOTFILE PERIOD SRCGP3 IMM.AD\PE00G003.PLT 48
PLOTFILE PERIOD SRCGP4 IMM.AD\PE00G004.PLT 49
PLOTFILE PERIOD SRCGP5 IMM.AD\PE00G005.PLT 50
PLOTFILE PERIOD SRCGP6 IMM.AD\PE00G006.PLT 51
PLOTFILE PERIOD SRCGP7 IMM.AD\PE00G007.PLT 52
PLOTFILE PERIOD SRCGP8 IMM.AD\PE00G008.PLT 53
PLOTFILE PERIOD SRCGP9 IMM.AD\PE00G009.PLT 54
PLOTFILE PERIOD SRCGP10 IMM.AD\PE00G010.PLT 55
PLOTFILE PERIOD SRCGP11 IMM.AD\PE00G011.PLT 56
PLOTFILE PERIOD SRCGP12 IMM.AD\PE00G012.PLT 57
PLOTFILE PERIOD SRCGP13 IMM.AD\PE00G013.PLT 58
PLOTFILE PERIOD SRCGP14 IMM.AD\PE00G014.PLT 59
PLOTFILE PERIOD SRCGP15 IMM.AD\PE00G015.PLT 60
SUMMFILE IMM.sum

OU FINISHED

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

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: VARIOUS

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

**This Run Includes: 782 Source(s); 15 Source Group(s); and 561 Receptor(s)

with: 10 POINT(s), including
9 POINTCAP(s) and 0 POINTHOR(s)
and: 769 VOLUME source(s)
and: 3 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 14134

**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)

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN EMISSION RATE SCALAR	VARY BY

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L0000555    0  0.84034E-02  671066.4 4342126.3  843.7   5.00  11.63  11.63  NO  HRDOW
L0000556    0  0.84034E-02  671057.4 4342103.0  842.9   5.00  11.63  11.63  NO  HRDOW
L0000557    0  0.84034E-02  671057.6 4342078.7  841.2   5.00  11.63  11.63  NO  HRDOW
L0000558    0  0.84034E-02  671071.4 4342061.7  838.5   5.00  11.63  11.63  NO  HRDOW
L0000559    0  0.84034E-02  671095.1 4342054.7  837.2   5.00  11.63  11.63  NO  HRDOW
L0000560    0  0.84034E-02  671120.0 4342052.7  834.1   5.00  11.63  11.63  NO  HRDOW
L0000561    0  0.84034E-02  671130.0 4342072.3  834.7   5.00  11.63  11.63  NO  HRDOW
L0000562    0  0.84034E-02  671136.9 4342096.3  835.4   5.00  11.63  11.63  NO  HRDOW
L0000563    0  0.84034E-02  671143.9 4342120.4  838.1   5.00  11.63  11.63  NO  HRDOW
L0000564    0  0.84034E-02  671150.7 4342144.4  841.0   5.00  11.63  11.63  NO  HRDOW
L0000565    0  0.84034E-02  671145.2 4342160.3  842.5   5.00  11.63  11.63  NO  HRDOW
L0000566    0  0.84034E-02  671120.4 4342163.5  843.9   5.00  11.63  11.63  NO  HRDOW
L0000567    0  0.84034E-02  671095.6 4342166.8  845.2   5.00  11.63  11.63  NO  HRDOW
L0000568    0  0.84034E-02  671071.8 4342174.3  846.5   5.00  11.63  11.63  NO  HRDOW
L0000569    0  0.84034E-02  671068.4 4342186.7  847.4   5.00  11.63  11.63  NO  HRDOW
L0000570    0  0.84034E-02  671086.6 4342203.8  848.2   5.00  11.63  11.63  NO  HRDOW
L0000571    0  0.84034E-02  671104.8 4342220.9  850.1   5.00  11.63  11.63  NO  HRDOW
L0000572    0  0.84034E-02  671123.1 4342238.0  850.3   5.00  11.63  11.63  NO  HRDOW
L0000573    0  0.84034E-02  671141.3 4342255.1  853.1   5.00  11.63  11.63  NO  HRDOW
L0000574    0  0.84034E-02  671159.5 4342272.2  855.0   5.00  11.63  11.63  NO  HRDOW
L0000575    0  0.84034E-02  671177.7 4342289.3  856.6   5.00  11.63  11.63  NO  HRDOW
L0000576    0  0.84034E-02  671185.1 4342306.6  858.5   5.00  11.63  11.63  NO  HRDOW
L0000577    0  0.84034E-02  671167.4 4342324.3  859.6   5.00  11.63  11.63  NO  HRDOW
L0000578    0  0.84034E-02  671149.8 4342341.9  860.3   5.00  11.63  11.63  NO  HRDOW
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L0000582    0  0.84034E-02  671081.4 4342414.8  858.9   5.00  11.63  11.63  NO  HRDOW
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L0000585    0  0.84034E-02  671032.5 4342471.6  850.7   5.00  11.63  11.63  NO  HRDOW
L0000586    0  0.84034E-02  671020.7 4342493.7  849.8   5.00  11.63  11.63  NO  HRDOW
L0000587    0  0.84034E-02  671008.9 4342515.7  849.6   5.00  11.63  11.63  NO  HRDOW
L0000588    0  0.84034E-02  670997.2 4342537.8  850.4   5.00  11.63  11.63  NO  HRDOW
L0000589    0  0.84034E-02  670985.4 4342559.8  852.0   5.00  11.63  11.63  NO  HRDOW
L0000590    0  0.84034E-02  670973.6 4342581.9  852.7   5.00  11.63  11.63  NO  HRDOW
L0000591    0  0.84034E-02  670961.9 4342604.0  853.1   5.00  11.63  11.63  NO  HRDOW
L0000592    0  0.84034E-02  670950.2 4342626.0  854.4   5.00  11.63  11.63  NO  HRDOW
L0000593    0  0.84034E-02  670938.5 4342648.2  856.5   5.00  11.63  11.63  NO  HRDOW
L0000594    0  0.84034E-02  670926.8 4342670.3  858.4   5.00  11.63  11.63  NO  HRDOW

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*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000595	0	0.84034E-02	670915.2	4342692.4	859.8	5.00	11.63	11.63	NO	HRDOW
L0000596	0	0.84034E-02	670903.5	4342714.5	860.8	5.00	11.63	11.63	NO	HRDOW
L0000597	0	0.84034E-02	670891.8	4342736.6	864.1	5.00	11.63	11.63	NO	HRDOW
L0000598	0	0.84034E-02	670880.2	4342758.7	865.8	5.00	11.63	11.63	NO	HRDOW
L0000599	0	0.84034E-02	670861.9	4342775.4	866.0	5.00	11.63	11.63	NO	HRDOW
L0000600	0	0.84034E-02	670842.5	4342791.2	866.0	5.00	11.63	11.63	NO	HRDOW
L0000601	0	0.84034E-02	670823.2	4342807.0	865.6	5.00	11.63	11.63	NO	HRDOW
L0000602	0	0.84034E-02	670803.8	4342822.8	864.9	5.00	11.63	11.63	NO	HRDOW
L0000603	0	0.84034E-02	670784.4	4342838.6	861.3	5.00	11.63	11.63	NO	HRDOW
L0000604	0	0.84034E-02	670764.5	4342853.7	860.1	5.00	11.63	11.63	NO	HRDOW
L0000605	0	0.84034E-02	670743.9	4342867.9	859.5	5.00	11.63	11.63	NO	HRDOW
L0000606	0	0.84034E-02	670723.4	4342882.1	857.1	5.00	11.63	11.63	NO	HRDOW
L0000607	0	0.84034E-02	670702.8	4342896.3	854.0	5.00	11.63	11.63	NO	HRDOW
L0000608	0	0.84034E-02	670682.2	4342910.5	852.9	5.00	11.63	11.63	NO	HRDOW
L0000609	0	0.84034E-02	670661.6	4342924.7	851.1	5.00	11.63	11.63	NO	HRDOW
L0000610	0	0.84034E-02	670641.1	4342938.9	848.8	5.00	11.63	11.63	NO	HRDOW
L0000611	0	0.84034E-02	670620.5	4342953.1	845.8	5.00	11.63	11.63	NO	HRDOW
L0000612	0	0.84034E-02	670599.8	4342967.2	843.3	5.00	11.63	11.63	NO	HRDOW
L0000613	0	0.84034E-02	670579.1	4342981.2	842.4	5.00	11.63	11.63	NO	HRDOW
L0000614	0	0.84034E-02	670558.4	4342995.1	839.8	5.00	11.63	11.63	NO	HRDOW
L0000615	0	0.84034E-02	670537.6	4343009.1	836.6	5.00	11.63	11.63	NO	HRDOW
L0000616	0	0.84034E-02	670516.9	4343023.1	835.9	5.00	11.63	11.63	NO	HRDOW
L0000617	0	0.84034E-02	670496.2	4343037.1	833.5	5.00	11.63	11.63	NO	HRDOW
L0000618	0	0.84034E-02	670475.4	4343051.0	832.1	5.00	11.63	11.63	NO	HRDOW
L0000619	0	0.84034E-02	670462.0	4343071.8	830.6	5.00	11.63	11.63	NO	HRDOW
L0000620	0	0.84034E-02	670449.5	4343093.4	828.0	5.00	11.63	11.63	NO	HRDOW
L0000621	0	0.84034E-02	670437.1	4343115.1	825.0	5.00	11.63	11.63	NO	HRDOW
L0000622	0	0.84034E-02	670424.6	4343136.8	824.2	5.00	11.63	11.63	NO	HRDOW
L0000623	0	0.84034E-02	670412.2	4343158.5	823.8	5.00	11.63	11.63	NO	HRDOW
L0000624	0	0.84034E-02	670389.8	4343160.5	824.4	5.00	11.63	11.63	NO	HRDOW
L0000625	0	0.84034E-02	670364.9	4343157.7	825.4	5.00	11.63	11.63	NO	HRDOW
L0000626	0	0.84034E-02	670341.9	4343162.6	826.1	5.00	11.63	11.63	NO	HRDOW
L0000627	0	0.84034E-02	670321.0	4343176.3	826.2	5.00	11.63	11.63	NO	HRDOW
L0000628	0	0.84034E-02	670300.1	4343190.0	826.0	5.00	11.63	11.63	NO	HRDOW
L0000629	0	0.84034E-02	670276.5	4343198.2	826.2	5.00	11.63	11.63	NO	HRDOW
L0000630	0	0.84034E-02	670252.8	4343206.3	826.2	5.00	11.63	11.63	NO	HRDOW
L0000631	0	0.84034E-02	670229.2	4343214.3	826.3	5.00	11.63	11.63	NO	HRDOW
L0000632	0	0.84034E-02	670205.5	4343222.4	826.3	5.00	11.63	11.63	NO	HRDOW
L0000633	0	0.84034E-02	670181.8	4343230.5	826.4	5.00	11.63	11.63	NO	HRDOW
L0000634	0	0.84034E-02	670158.2	4343238.6	826.6	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		BY

L0000635	0	0.84034E-02	670134.5	4343246.7	826.5	5.00	11.63	11.63	NO	HRDOW

L0000636	0	0.84034E-02	670110.9	4343254.7	826.2	5.00	11.63	11.63	NO	HRDOW
L0000637	0	0.84034E-02	670087.2	4343262.8	825.9	5.00	11.63	11.63	NO	HRDOW
L0000638	0	0.84034E-02	670063.6	4343270.9	825.6	5.00	11.63	11.63	NO	HRDOW
L0000639	0	0.84034E-02	670039.9	4343279.0	825.7	5.00	11.63	11.63	NO	HRDOW
L0000640	0	0.84034E-02	670016.2	4343287.1	825.8	5.00	11.63	11.63	NO	HRDOW
L0000641	0	0.84034E-02	669992.6	4343295.1	825.8	5.00	11.63	11.63	NO	HRDOW
L0000642	0	0.84034E-02	669968.9	4343303.2	825.8	5.00	11.63	11.63	NO	HRDOW
L0000643	0	0.84034E-02	669944.0	4343301.1	825.1	5.00	11.63	11.63	NO	HRDOW
L0000644	0	0.84034E-02	669919.1	4343298.9	824.0	5.00	11.63	11.63	NO	HRDOW
L0000645	0	0.84034E-02	669894.2	4343296.6	821.7	5.00	11.63	11.63	NO	HRDOW
L0000646	0	0.84034E-02	669869.4	4343294.3	820.4	5.00	11.63	11.63	NO	HRDOW
L0000647	0	0.84034E-02	669844.5	4343292.1	818.2	5.00	11.63	11.63	NO	HRDOW
L0000648	0	0.84034E-02	669819.6	4343289.8	815.8	5.00	11.63	11.63	NO	HRDOW
L0000649	0	0.84034E-02	669794.7	4343287.5	814.0	5.00	11.63	11.63	NO	HRDOW
L0000650	0	0.84034E-02	669769.8	4343284.7	811.4	5.00	11.63	11.63	NO	HRDOW
L0000651	0	0.84034E-02	669745.0	4343281.9	810.2	5.00	11.63	11.63	NO	HRDOW
L0000652	0	0.84034E-02	669720.2	4343279.3	808.4	5.00	11.63	11.63	NO	HRDOW
L0000653	0	0.84034E-02	669695.6	4343283.8	805.6	5.00	11.63	11.63	NO	HRDOW
L0000654	0	0.84034E-02	669671.0	4343288.4	804.4	5.00	11.63	11.63	NO	HRDOW
L0000655	0	0.84034E-02	669646.4	4343293.0	800.7	5.00	11.63	11.63	NO	HRDOW
L0000656	0	0.84034E-02	669623.1	4343301.2	798.1	5.00	11.63	11.63	NO	HRDOW
L0000657	0	0.84034E-02	669601.2	4343313.2	796.8	5.00	11.63	11.63	NO	HRDOW
L0000658	0	0.84034E-02	669579.3	4343325.2	793.0	5.00	11.63	11.63	NO	HRDOW
L0000659	0	0.84034E-02	669557.3	4343337.1	790.6	5.00	11.63	11.63	NO	HRDOW
L0000660	0	0.84034E-02	669535.4	4343349.1	787.7	5.00	11.63	11.63	NO	HRDOW
L0000661	0	0.84034E-02	669513.5	4343361.1	784.5	5.00	11.63	11.63	NO	HRDOW
L0000662	0	0.84034E-02	669491.2	4343370.2	782.5	5.00	11.63	11.63	NO	HRDOW
L0000663	0	0.84034E-02	669467.0	4343363.8	783.0	5.00	11.63	11.63	NO	HRDOW
L0000664	0	0.84034E-02	669442.8	4343357.4	783.3	5.00	11.63	11.63	NO	HRDOW
L0000665	0	0.84034E-02	669418.7	4343351.0	783.6	5.00	11.63	11.63	NO	HRDOW
L0000666	0	0.84034E-02	669394.5	4343344.6	783.6	5.00	11.63	11.63	NO	HRDOW
L0000667	0	0.84034E-02	669370.3	4343338.2	782.9	5.00	11.63	11.63	NO	HRDOW
L0000668	0	0.84034E-02	669346.2	4343331.8	780.2	5.00	11.63	11.63	NO	HRDOW
L0000669	0	0.84034E-02	669322.0	4343325.4	778.6	5.00	11.63	11.63	NO	HRDOW
L0000670	0	0.84034E-02	669300.2	4343315.0	777.8	5.00	11.63	11.63	NO	HRDOW
L0000671	0	0.84034E-02	669283.2	4343296.7	777.2	5.00	11.63	11.63	NO	HRDOW
L0000672	0	0.84034E-02	669266.2	4343278.3	776.3	5.00	11.63	11.63	NO	HRDOW
L0000673	0	0.84034E-02	669265.4	4343253.7	775.8	5.00	11.63	11.63	NO	HRDOW
L0000149	0	0.38610E-02	669094.1	4343356.8	760.4	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	URBAN	EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0000150	0	0.38610E-02	669069.9	4343350.5	759.8	5.00	11.63	11.63	NO	HRDOW
L0000151	0	0.38610E-02	669045.7	4343344.2	759.3	5.00	11.63	11.63	NO	HRDOW

L0000152	0	0.38610E-02	669021.6	4343337.9	758.8	5.00	11.63	11.63	NO	HRDOW
L0000153	0	0.38610E-02	668997.4	4343331.6	758.0	5.00	11.63	11.63	NO	HRDOW
L0000154	0	0.38610E-02	668973.2	4343325.3	757.6	5.00	11.63	11.63	NO	HRDOW
L0000155	0	0.38610E-02	668948.5	4343321.9	757.3	5.00	11.63	11.63	NO	HRDOW
L0000156	0	0.38610E-02	668923.6	4343319.4	757.1	5.00	11.63	11.63	NO	HRDOW
L0000157	0	0.38610E-02	668898.7	4343316.9	756.9	5.00	11.63	11.63	NO	HRDOW
L0000158	0	0.38610E-02	668873.8	4343314.5	756.8	5.00	11.63	11.63	NO	HRDOW
L0000159	0	0.38610E-02	668849.0	4343312.0	756.7	5.00	11.63	11.63	NO	HRDOW
L0000160	0	0.38610E-02	668824.3	4343307.9	756.8	5.00	11.63	11.63	NO	HRDOW
L0000161	0	0.38610E-02	668799.8	4343302.8	757.0	5.00	11.63	11.63	NO	HRDOW
L0000162	0	0.38610E-02	668775.4	4343297.7	757.1	5.00	11.63	11.63	NO	HRDOW
L0000163	0	0.38610E-02	668753.3	4343289.8	759.9	5.00	11.63	11.63	NO	HRDOW
L0000164	0	0.38610E-02	668744.6	4343266.4	763.4	5.00	11.63	11.63	NO	HRDOW
L0000165	0	0.38610E-02	668734.3	4343244.0	765.1	5.00	11.63	11.63	NO	HRDOW
L0000166	0	0.38610E-02	668717.1	4343226.3	768.0	5.00	11.63	11.63	NO	HRDOW
L0000167	0	0.38610E-02	668712.8	4343201.7	766.1	5.00	11.63	11.63	NO	HRDOW
L0000168	0	0.38610E-02	668708.5	4343177.0	765.4	5.00	11.63	11.63	NO	HRDOW
L0000169	0	0.38610E-02	668704.2	4343152.4	766.6	5.00	11.63	11.63	NO	HRDOW
L0000170	0	0.38610E-02	668700.0	4343127.8	767.6	5.00	11.63	11.63	NO	HRDOW
L0000171	0	0.38610E-02	668695.7	4343103.1	768.6	5.00	11.63	11.63	NO	HRDOW
L0000172	0	0.38610E-02	668701.1	4343085.9	768.6	5.00	11.63	11.63	NO	HRDOW
L0000173	0	0.38610E-02	668726.0	4343083.2	767.4	5.00	11.63	11.63	NO	HRDOW
L0000174	0	0.38610E-02	668749.0	4343075.1	766.8	5.00	11.63	11.63	NO	HRDOW
L0000175	0	0.38610E-02	668770.5	4343062.3	766.4	5.00	11.63	11.63	NO	HRDOW
L0000176	0	0.38610E-02	668789.8	4343046.5	766.8	5.00	11.63	11.63	NO	HRDOW
L0000177	0	0.38610E-02	668808.6	4343030.0	767.5	5.00	11.63	11.63	NO	HRDOW
L0000178	0	0.38610E-02	668830.6	4343033.2	767.3	5.00	11.63	11.63	NO	HRDOW
L0000179	0	0.38610E-02	668853.8	4343042.5	768.0	5.00	11.63	11.63	NO	HRDOW
L0000180	0	0.38610E-02	668878.4	4343047.2	769.9	5.00	11.63	11.63	NO	HRDOW
L0000181	0	0.38610E-02	668902.9	4343051.9	771.4	5.00	11.63	11.63	NO	HRDOW
L0000182	0	0.38610E-02	668927.3	4343055.7	771.6	5.00	11.63	11.63	NO	HRDOW
L0000183	0	0.38610E-02	668947.6	4343041.1	773.5	5.00	11.63	11.63	NO	HRDOW
L0000184	0	0.38610E-02	668964.0	4343022.7	774.4	5.00	11.63	11.63	NO	HRDOW
L0000185	0	0.38610E-02	668980.7	4343004.7	774.7	5.00	11.63	11.63	NO	HRDOW
L0000186	0	0.38610E-02	669001.2	4342990.5	774.6	5.00	11.63	11.63	NO	HRDOW
L0000187	0	0.38610E-02	669021.8	4342976.2	774.5	5.00	11.63	11.63	NO	HRDOW
L0000188	0	0.38610E-02	669045.1	4342969.5	774.4	5.00	11.63	11.63	NO	HRDOW
L0000189	0	0.38610E-02	669070.0	4342967.0	774.9	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X (METERS)	RELEASE Y (METERS)	INIT. ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY

L0000190	0	0.38610E-02	669094.9	4342964.9	776.1	5.00	11.63	11.63	NO	HRDOW
L0000191	0	0.38610E-02	669119.8	4342963.4	776.5	5.00	11.63	11.63	NO	HRDOW
L0000192	0	0.38610E-02	669144.8	4342962.0	776.8	5.00	11.63	11.63	NO	HRDOW

L0000193	0	0.38610E-02	669169.8	4342960.5	777.8	5.00	11.63	11.63	NO	HRDOW
L0000194	0	0.38610E-02	669194.2	4342955.2	778.8	5.00	11.63	11.63	NO	HRDOW
L0000195	0	0.38610E-02	669218.6	4342949.8	779.2	5.00	11.63	11.63	NO	HRDOW
L0000196	0	0.38610E-02	669243.0	4342944.4	779.6	5.00	11.63	11.63	NO	HRDOW
L0000197	0	0.38610E-02	669267.4	4342938.9	781.0	5.00	11.63	11.63	NO	HRDOW
L0000198	0	0.38610E-02	669292.1	4342935.5	782.6	5.00	11.63	11.63	NO	HRDOW
L0000199	0	0.38610E-02	669317.0	4342934.3	783.9	5.00	11.63	11.63	NO	HRDOW
L0000200	0	0.38610E-02	669332.0	4342947.1	782.9	5.00	11.63	11.63	NO	HRDOW
L0000201	0	0.38610E-02	669338.9	4342971.1	782.2	5.00	11.63	11.63	NO	HRDOW
L0000202	0	0.38610E-02	669341.5	4342995.4	782.2	5.00	11.63	11.63	NO	HRDOW
L0000203	0	0.38610E-02	669336.7	4343019.9	782.0	5.00	11.63	11.63	NO	HRDOW
L0000204	0	0.38610E-02	669331.9	4343044.4	780.1	5.00	11.63	11.63	NO	HRDOW
L0000205	0	0.38610E-02	669327.1	4343069.0	776.9	5.00	11.63	11.63	NO	HRDOW
L0000206	0	0.38610E-02	669322.3	4343093.5	776.0	5.00	11.63	11.63	NO	HRDOW
L0000207	0	0.38610E-02	669317.5	4343118.0	775.7	5.00	11.63	11.63	NO	HRDOW
L0000208	0	0.38610E-02	669312.7	4343142.6	775.8	5.00	11.63	11.63	NO	HRDOW
L0000209	0	0.38610E-02	669307.9	4343167.1	776.3	5.00	11.63	11.63	NO	HRDOW
L0000210	0	0.38610E-02	669303.1	4343191.6	776.7	5.00	11.63	11.63	NO	HRDOW
L0000211	0	0.38610E-02	669298.3	4343216.2	776.9	5.00	11.63	11.63	NO	HRDOW
L0000212	0	0.38610E-02	669293.5	4343240.7	777.4	5.00	11.63	11.63	NO	HRDOW
L0000213	0	0.38610E-02	669288.7	4343265.2	777.5	5.00	11.63	11.63	NO	HRDOW
L0000214	0	0.38610E-02	669274.4	4343247.5	776.4	5.00	11.63	11.63	NO	HRDOW
L0000215	0	0.38610E-02	669257.5	4343231.8	775.6	5.00	11.63	11.63	NO	HRDOW
L0000216	0	0.38610E-02	669233.1	4343231.3	774.3	5.00	11.63	11.63	NO	HRDOW
L0000217	0	0.38610E-02	669214.1	4343215.0	770.7	5.00	11.63	11.63	NO	HRDOW
L0000218	0	0.38610E-02	669194.5	4343221.5	769.0	5.00	11.63	11.63	NO	HRDOW
L0000219	0	0.38610E-02	669174.6	4343236.7	768.9	5.00	11.63	11.63	NO	HRDOW
L0000220	0	0.38610E-02	669154.7	4343251.8	767.7	5.00	11.63	11.63	NO	HRDOW
L0000221	0	0.38610E-02	669134.8	4343266.9	765.1	5.00	11.63	11.63	NO	HRDOW
L0000222	0	0.38610E-02	669120.1	4343286.3	762.9	5.00	11.63	11.63	NO	HRDOW
L0000223	0	0.38610E-02	669109.5	4343308.9	762.0	5.00	11.63	11.63	NO	HRDOW
L0000224	0	0.38610E-02	669097.0	4343327.8	761.3	5.00	11.63	11.63	NO	HRDOW
L0000225	0	0.38610E-02	669072.5	4343323.2	760.8	5.00	11.63	11.63	NO	HRDOW
L0000226	0	0.38610E-02	669047.9	4343318.5	760.4	5.00	11.63	11.63	NO	HRDOW
L0000227	0	0.38610E-02	669023.3	4343313.9	760.0	5.00	11.63	11.63	NO	HRDOW
L0000228	0	0.38610E-02	668998.8	4343309.2	759.4	5.00	11.63	11.63	NO	HRDOW
L0000229	0	0.38610E-02	668974.2	4343304.6	759.1	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X Y	RELEASE ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY SZ	URBAN SOURCE (METERS)	EMISSION SCALAR VARY
L0000230	0	0.38610E-02	668949.6	4343299.9	758.8	5.00	11.63	11.63
L0000231	0	0.38610E-02	668925.1	4343295.3	758.6	5.00	11.63	11.63
L0000232	0	0.38610E-02	668900.5	4343290.6	758.4	5.00	11.63	11.63
L0000233	0	0.38610E-02	668876.0	4343286.0	758.4	5.00	11.63	11.63

L0000234	0	0.38610E-02	668851.4	4343281.3	758.2	5.00	11.63	11.63	NO	HRDOW
L0000235	0	0.38610E-02	668826.8	4343276.7	758.3	5.00	11.63	11.63	NO	HRDOW
L0000236	0	0.38610E-02	668802.3	4343272.0	758.4	5.00	11.63	11.63	NO	HRDOW
L0000237	0	0.38610E-02	668777.7	4343267.4	759.4	5.00	11.63	11.63	NO	HRDOW
L0000238	0	0.38610E-02	668767.3	4343246.9	761.0	5.00	11.63	11.63	NO	HRDOW
L0000239	0	0.38610E-02	668759.9	4343223.0	761.5	5.00	11.63	11.63	NO	HRDOW
L0000240	0	0.38610E-02	668752.5	4343199.1	762.2	5.00	11.63	11.63	NO	HRDOW
L0000241	0	0.38610E-02	668745.0	4343175.2	763.2	5.00	11.63	11.63	NO	HRDOW
L0000242	0	0.38610E-02	668737.6	4343151.4	764.6	5.00	11.63	11.63	NO	HRDOW
L0000243	0	0.38610E-02	668730.2	4343127.5	765.6	5.00	11.63	11.63	NO	HRDOW
L0000244	0	0.38610E-02	668733.5	4343107.8	765.6	5.00	11.63	11.63	NO	HRDOW
L0000245	0	0.38610E-02	668755.2	4343095.4	763.9	5.00	11.63	11.63	NO	HRDOW
L0000246	0	0.38610E-02	668776.9	4343083.0	763.4	5.00	11.63	11.63	NO	HRDOW
L0000247	0	0.38610E-02	668798.7	4343070.6	763.5	5.00	11.63	11.63	NO	HRDOW
L0000248	0	0.38610E-02	668820.9	4343062.4	764.2	5.00	11.63	11.63	NO	HRDOW
L0000249	0	0.38610E-02	668845.3	4343068.2	765.4	5.00	11.63	11.63	NO	HRDOW
L0000250	0	0.38610E-02	668869.6	4343074.0	766.7	5.00	11.63	11.63	NO	HRDOW
L0000251	0	0.38610E-02	668893.9	4343079.9	767.9	5.00	11.63	11.63	NO	HRDOW
L0000252	0	0.38610E-02	668918.2	4343085.7	768.3	5.00	11.63	11.63	NO	HRDOW
L0000253	0	0.38610E-02	668941.2	4343083.6	769.1	5.00	11.63	11.63	NO	HRDOW
L0000254	0	0.38610E-02	668962.6	4343070.6	770.6	5.00	11.63	11.63	NO	HRDOW
L0000255	0	0.38610E-02	668984.0	4343057.6	772.1	5.00	11.63	11.63	NO	HRDOW
L0000256	0	0.38610E-02	669000.9	4343039.3	773.0	5.00	11.63	11.63	NO	HRDOW
L0000257	0	0.38610E-02	669017.4	4343020.5	773.3	5.00	11.63	11.63	NO	HRDOW
L0000258	0	0.38610E-02	669036.9	4343007.6	773.4	5.00	11.63	11.63	NO	HRDOW
L0000259	0	0.38610E-02	669061.8	4343005.2	773.6	5.00	11.63	11.63	NO	HRDOW
L0000260	0	0.38610E-02	669086.7	4343002.7	773.9	5.00	11.63	11.63	NO	HRDOW
L0000261	0	0.38610E-02	669111.5	4343000.3	774.1	5.00	11.63	11.63	NO	HRDOW
L0000262	0	0.38610E-02	669136.4	4342997.8	774.3	5.00	11.63	11.63	NO	HRDOW
L0000263	0	0.38610E-02	669161.3	4342995.2	775.3	5.00	11.63	11.63	NO	HRDOW
L0000264	0	0.38610E-02	669185.9	4342990.8	776.5	5.00	11.63	11.63	NO	HRDOW
L0000265	0	0.38610E-02	669210.5	4342986.4	777.2	5.00	11.63	11.63	NO	HRDOW
L0000266	0	0.38610E-02	669235.1	4342981.9	777.4	5.00	11.63	11.63	NO	HRDOW
L0000267	0	0.38610E-02	669259.7	4342977.5	777.6	5.00	11.63	11.63	NO	HRDOW
L0000268	0	0.38610E-02	669284.3	4342973.1	778.5	5.00	11.63	11.63	NO	HRDOW
L0000269	0	0.38610E-02	669298.3	4342984.5	777.8	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X (METERS)	RELEASE Y (METERS)	INIT. ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR	EMISSION RATE VARY BY

L0000270	0	0.38610E-02	669303.4	4343009.0	774.8	5.00	11.63	11.63	NO	HRDOW
L0000271	0	0.38610E-02	669299.2	4343033.6	774.3	5.00	11.63	11.63	NO	HRDOW
L0000272	0	0.38610E-02	669294.6	4343058.2	774.4	5.00	11.63	11.63	NO	HRDOW
L0000273	0	0.38610E-02	669290.0	4343082.7	774.1	5.00	11.63	11.63	NO	HRDOW
L0000274	0	0.38610E-02	669285.5	4343107.3	773.8	5.00	11.63	11.63	NO	HRDOW

L0000275	0	0.38610E-02	669280.9	4343131.9	773.7	5.00	11.63	11.63	NO	HRDOW
L0000276	0	0.38610E-02	669276.4	4343156.5	774.1	5.00	11.63	11.63	NO	HRDOW
L0000277	0	0.38610E-02	669271.8	4343181.1	774.3	5.00	11.63	11.63	NO	HRDOW
L0000278	0	0.38610E-02	669262.1	4343196.2	773.8	5.00	11.63	11.63	NO	HRDOW
L0000279	0	0.38610E-02	669238.9	4343186.9	771.3	5.00	11.63	11.63	NO	HRDOW
L0000280	0	0.38610E-02	669215.8	4343177.5	768.6	5.00	11.63	11.63	NO	HRDOW
L0000281	0	0.38610E-02	669195.0	4343184.5	767.9	5.00	11.63	11.63	NO	HRDOW
L0000282	0	0.38610E-02	669175.4	4343200.1	767.4	5.00	11.63	11.63	NO	HRDOW
L0000283	0	0.38610E-02	669155.8	4343215.7	767.0	5.00	11.63	11.63	NO	HRDOW
L0000284	0	0.38610E-02	669136.3	4343231.2	765.4	5.00	11.63	11.63	NO	HRDOW
L0000285	0	0.38610E-02	669116.7	4343246.8	764.5	5.00	11.63	11.63	NO	HRDOW
L0000286	0	0.38610E-02	669100.0	4343264.9	763.6	5.00	11.63	11.63	NO	HRDOW
L0000287	0	0.38610E-02	669087.6	4343286.6	762.3	5.00	11.63	11.63	NO	HRDOW
L0000288	0	0.38610E-02	669068.9	4343294.4	761.8	5.00	11.63	11.63	NO	HRDOW
L0000289	0	0.38610E-02	669044.4	4343289.6	761.7	5.00	11.63	11.63	NO	HRDOW
L0000290	0	0.38610E-02	669019.8	4343284.8	761.5	5.00	11.63	11.63	NO	HRDOW
L0000291	0	0.38610E-02	668995.3	4343279.9	761.2	5.00	11.63	11.63	NO	HRDOW
L0000292	0	0.38610E-02	668970.8	4343275.1	760.9	5.00	11.63	11.63	NO	HRDOW
L0000293	0	0.38610E-02	668946.2	4343270.3	760.7	5.00	11.63	11.63	NO	HRDOW
L0000294	0	0.38610E-02	668921.7	4343265.5	760.4	5.00	11.63	11.63	NO	HRDOW
L0000295	0	0.38610E-02	668897.2	4343260.6	760.1	5.00	11.63	11.63	NO	HRDOW
L0000296	0	0.38610E-02	668872.7	4343255.8	759.9	5.00	11.63	11.63	NO	HRDOW
L0000297	0	0.38610E-02	668848.1	4343251.0	759.7	5.00	11.63	11.63	NO	HRDOW
L0000298	0	0.38610E-02	668823.6	4343246.2	759.4	5.00	11.63	11.63	NO	HRDOW
L0000299	0	0.38610E-02	668801.3	4343238.7	759.8	5.00	11.63	11.63	NO	HRDOW
L0000300	0	0.38610E-02	668792.2	4343215.4	760.8	5.00	11.63	11.63	NO	HRDOW
L0000301	0	0.38610E-02	668783.0	4343192.1	761.4	5.00	11.63	11.63	NO	HRDOW
L0000302	0	0.38610E-02	668773.9	4343168.9	762.3	5.00	11.63	11.63	NO	HRDOW
L0000303	0	0.38610E-02	668764.8	4343145.6	762.9	5.00	11.63	11.63	NO	HRDOW
L0000304	0	0.38610E-02	668764.2	4343125.2	762.8	5.00	11.63	11.63	NO	HRDOW
L0000305	0	0.38610E-02	668785.6	4343112.3	762.0	5.00	11.63	11.63	NO	HRDOW
L0000306	0	0.38610E-02	668807.0	4343099.3	762.0	5.00	11.63	11.63	NO	HRDOW
L0000307	0	0.38610E-02	668829.4	4343094.1	762.5	5.00	11.63	11.63	NO	HRDOW
L0000308	0	0.38610E-02	668853.4	4343101.0	763.4	5.00	11.63	11.63	NO	HRDOW
L0000309	0	0.38610E-02	668877.4	4343108.0	764.7	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000310	0	0.38610E-02	668901.4	4343115.0	765.9	5.00	11.63	11.63	NO	HRDOW
L0000311	0	0.38610E-02	668925.4	4343121.9	766.9	5.00	11.63	11.63	NO	HRDOW
L0000312	0	0.38610E-02	668948.6	4343124.7	768.3	5.00	11.63	11.63	NO	HRDOW
L0000313	0	0.38610E-02	668968.1	4343109.1	769.4	5.00	11.63	11.63	NO	HRDOW
L0000314	0	0.38610E-02	668987.5	4343093.4	770.4	5.00	11.63	11.63	NO	HRDOW
L0000315	0	0.38610E-02	669007.0	4343077.7	771.4	5.00	11.63	11.63	NO	HRDOW

L0000316	0	0.38610E-02	669026.5	4343062.0	772.0	5.00	11.63	11.63	NO	HRDOW
L0000317	0	0.38610E-02	669045.9	4343046.3	772.4	5.00	11.63	11.63	NO	HRDOW
L0000318	0	0.38610E-02	669068.6	4343037.9	772.6	5.00	11.63	11.63	NO	HRDOW
L0000319	0	0.38610E-02	669093.3	4343034.5	772.8	5.00	11.63	11.63	NO	HRDOW
L0000320	0	0.38610E-02	669118.1	4343031.0	773.3	5.00	11.63	11.63	NO	HRDOW
L0000321	0	0.38610E-02	669142.8	4343027.5	773.7	5.00	11.63	11.63	NO	HRDOW
L0000322	0	0.38610E-02	669167.6	4343024.0	774.6	5.00	11.63	11.63	NO	HRDOW
L0000323	0	0.38610E-02	669192.4	4343020.5	775.3	5.00	11.63	11.63	NO	HRDOW
L0000324	0	0.38610E-02	669217.1	4343017.1	776.0	5.00	11.63	11.63	NO	HRDOW
L0000325	0	0.38610E-02	669241.9	4343013.6	775.8	5.00	11.63	11.63	NO	HRDOW
L0000326	0	0.38610E-02	669260.9	4343015.9	774.8	5.00	11.63	11.63	NO	HRDOW
L0000327	0	0.38610E-02	669257.9	4343040.7	774.3	5.00	11.63	11.63	NO	HRDOW
L0000328	0	0.38610E-02	669254.9	4343065.5	773.3	5.00	11.63	11.63	NO	HRDOW
L0000329	0	0.38610E-02	669251.8	4343090.4	772.3	5.00	11.63	11.63	NO	HRDOW
L0000330	0	0.38610E-02	669248.8	4343115.2	771.3	5.00	11.63	11.63	NO	HRDOW
L0000331	0	0.38610E-02	669245.8	4343140.0	770.7	5.00	11.63	11.63	NO	HRDOW
L0000332	0	0.38610E-02	669233.6	4343153.7	769.8	5.00	11.63	11.63	NO	HRDOW
L0000333	0	0.38610E-02	669208.7	4343152.0	768.3	5.00	11.63	11.63	NO	HRDOW
L0000334	0	0.38610E-02	669183.7	4343150.2	768.4	5.00	11.63	11.63	NO	HRDOW
L0000335	0	0.38610E-02	669163.3	4343162.0	768.0	5.00	11.63	11.63	NO	HRDOW
L0000336	0	0.38610E-02	669144.4	4343178.4	767.3	5.00	11.63	11.63	NO	HRDOW
L0000337	0	0.38610E-02	669125.5	4343194.7	766.5	5.00	11.63	11.63	NO	HRDOW
L0000338	0	0.38610E-02	669106.6	4343211.1	765.9	5.00	11.63	11.63	NO	HRDOW
L0000339	0	0.38610E-02	669087.7	4343227.5	765.3	5.00	11.63	11.63	NO	HRDOW
L0000340	0	0.38610E-02	669070.6	4343245.3	765.8	5.00	11.63	11.63	NO	HRDOW
L0000341	0	0.38610E-02	669058.6	4343266.4	763.6	5.00	11.63	11.63	NO	HRDOW
L0000342	0	0.38610E-02	669034.1	4343261.2	764.7	5.00	11.63	11.63	NO	HRDOW
L0000343	0	0.38610E-02	669009.7	4343256.0	764.8	5.00	11.63	11.63	NO	HRDOW
L0000344	0	0.38610E-02	668985.2	4343250.8	763.8	5.00	11.63	11.63	NO	HRDOW
L0000345	0	0.38610E-02	668960.7	4343245.6	762.6	5.00	11.63	11.63	NO	HRDOW
L0000346	0	0.38610E-02	668936.3	4343240.4	762.1	5.00	11.63	11.63	NO	HRDOW
L0000347	0	0.38610E-02	668911.8	4343235.2	761.8	5.00	11.63	11.63	NO	HRDOW
L0000348	0	0.38610E-02	668887.4	4343230.0	761.6	5.00	11.63	11.63	NO	HRDOW
L0000349	0	0.38610E-02	668862.9	4343224.8	761.3	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000350	0	0.38610E-02	668838.5	4343219.6	760.5	5.00	11.63	11.63	NO	HRDOW
L0000351	0	0.38610E-02	668824.9	4343200.3	760.6	5.00	11.63	11.63	NO	HRDOW
L0000352	0	0.38610E-02	668813.8	4343177.9	760.9	5.00	11.63	11.63	NO	HRDOW
L0000353	0	0.38610E-02	668802.6	4343155.6	761.4	5.00	11.63	11.63	NO	HRDOW
L0000354	0	0.38610E-02	668812.2	4343137.4	761.2	5.00	11.63	11.63	NO	HRDOW
L0000355	0	0.38610E-02	668831.2	4343121.1	761.8	5.00	11.63	11.63	NO	HRDOW
L0000356	0	0.38610E-02	668854.9	4343127.6	762.4	5.00	11.63	11.63	NO	HRDOW

L0000357	0	0.38610E-02	668878.8	4343134.9	763.3	5.00	11.63	11.63	NO	HRDOW
L0000358	0	0.38610E-02	668902.7	4343142.2	765.1	5.00	11.63	11.63	NO	HRDOW
L0000359	0	0.38610E-02	668926.7	4343149.5	766.8	5.00	11.63	11.63	NO	HRDOW
L0000360	0	0.38610E-02	668950.6	4343156.7	768.6	5.00	11.63	11.63	NO	HRDOW
L0000361	0	0.38610E-02	668972.9	4343155.9	769.5	5.00	11.63	11.63	NO	HRDOW
L0000362	0	0.38610E-02	668992.3	4343140.2	770.2	5.00	11.63	11.63	NO	HRDOW
L0000363	0	0.38610E-02	669011.7	4343124.4	770.9	5.00	11.63	11.63	NO	HRDOW
L0000364	0	0.38610E-02	669031.2	4343108.7	770.8	5.00	11.63	11.63	NO	HRDOW
L0000365	0	0.38610E-02	669050.6	4343092.9	770.7	5.00	11.63	11.63	NO	HRDOW
L0000366	0	0.38610E-02	669070.0	4343077.2	771.0	5.00	11.63	11.63	NO	HRDOW
L0000367	0	0.38610E-02	669094.3	4343072.0	771.3	5.00	11.63	11.63	NO	HRDOW
L0000368	0	0.38610E-02	669118.9	4343067.6	771.7	5.00	11.63	11.63	NO	HRDOW
L0000369	0	0.38610E-02	669143.5	4343063.1	772.3	5.00	11.63	11.63	NO	HRDOW
L0000370	0	0.38610E-02	669168.1	4343058.7	772.9	5.00	11.63	11.63	NO	HRDOW
L0000371	0	0.38610E-02	669192.7	4343054.2	773.6	5.00	11.63	11.63	NO	HRDOW
L0000372	0	0.38610E-02	669217.3	4343049.8	774.2	5.00	11.63	11.63	NO	HRDOW
L0000373	0	0.38610E-02	669218.8	4343072.1	772.9	5.00	11.63	11.63	NO	HRDOW
L0000374	0	0.38610E-02	669217.9	4343097.1	771.0	5.00	11.63	11.63	NO	HRDOW
L0000375	0	0.38610E-02	669215.7	4343120.6	769.4	5.00	11.63	11.63	NO	HRDOW
L0000376	0	0.38610E-02	669190.7	4343120.6	769.3	5.00	11.63	11.63	NO	HRDOW
L0000377	0	0.38610E-02	669165.7	4343120.6	769.6	5.00	11.63	11.63	NO	HRDOW
L0000378	0	0.38610E-02	669143.6	4343127.6	769.1	5.00	11.63	11.63	NO	HRDOW
L0000379	0	0.38610E-02	669126.1	4343145.4	768.2	5.00	11.63	11.63	NO	HRDOW
L0000380	0	0.38610E-02	669108.5	4343163.2	767.4	5.00	11.63	11.63	NO	HRDOW
L0000381	0	0.38610E-02	669090.9	4343181.0	767.5	5.00	11.63	11.63	NO	HRDOW
L0000382	0	0.38610E-02	669073.3	4343198.7	768.1	5.00	11.63	11.63	NO	HRDOW
L0000383	0	0.38610E-02	669055.8	4343216.5	768.9	5.00	11.63	11.63	NO	HRDOW
L0000384	0	0.38610E-02	669034.7	4343223.7	769.3	5.00	11.63	11.63	NO	HRDOW
L0000385	0	0.38610E-02	669010.1	4343219.6	769.4	5.00	11.63	11.63	NO	HRDOW
L0000386	0	0.38610E-02	668985.4	4343215.6	769.2	5.00	11.63	11.63	NO	HRDOW
L0000387	0	0.38610E-02	668960.8	4343211.5	768.8	5.00	11.63	11.63	NO	HRDOW
L0000388	0	0.38610E-02	668936.1	4343207.4	765.9	5.00	11.63	11.63	NO	HRDOW
L0000389	0	0.38610E-02	668911.4	4343203.3	763.8	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER CATS.	EMISSION RATE PART. (GRAMS/SEC) (METERS)	EMISSION RATE X (METERS)	EMISSION RATE Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION SCALAR VARY BY

L0000390	0	0.38610E-02	668886.8	4343199.2	763.1	5.00	11.63	11.63	NO	HRDOW
L0000391	0	0.38610E-02	668862.1	4343195.1	762.3	5.00	11.63	11.63	NO	HRDOW
L0000392	0	0.38610E-02	668851.4	4343175.7	761.7	5.00	11.63	11.63	NO	HRDOW
L0000393	0	0.38610E-02	668848.8	4343155.1	761.6	5.00	11.63	11.63	NO	HRDOW
L0000394	0	0.38610E-02	668873.2	4343160.7	762.7	5.00	11.63	11.63	NO	HRDOW
L0000395	0	0.38610E-02	668897.6	4343166.2	764.6	5.00	11.63	11.63	NO	HRDOW
L0000396	0	0.38610E-02	668921.9	4343171.8	766.1	5.00	11.63	11.63	NO	HRDOW
L0000397	0	0.38610E-02	668946.3	4343177.3	768.3	5.00	11.63	11.63	NO	HRDOW

L0000398	0	0.38610E-02	668970.7	4343182.9	769.4	5.00	11.63	11.63	NO	HRDOW
L0000399	0	0.38610E-02	668993.9	4343183.6	770.0	5.00	11.63	11.63	NO	HRDOW
L0000400	0	0.38610E-02	669013.4	4343167.9	770.5	5.00	11.63	11.63	NO	HRDOW
L0000401	0	0.38610E-02	669032.9	4343152.3	770.3	5.00	11.63	11.63	NO	HRDOW
L0000402	0	0.38610E-02	669052.4	4343136.6	769.7	5.00	11.63	11.63	NO	HRDOW
L0000403	0	0.38610E-02	669071.9	4343121.0	769.0	5.00	11.63	11.63	NO	HRDOW
L0000404	0	0.38610E-02	669094.5	4343111.2	769.1	5.00	11.63	11.63	NO	HRDOW
L0000405	0	0.38610E-02	669118.5	4343104.1	769.8	5.00	11.63	11.63	NO	HRDOW
L0000406	0	0.38610E-02	669142.5	4343097.1	770.4	5.00	11.63	11.63	NO	HRDOW
L0000407	0	0.38610E-02	669166.4	4343090.1	771.0	5.00	11.63	11.63	NO	HRDOW
L0000408	0	0.15385E-01	671272.1	4341737.0	834.4	5.00	11.63	11.63	NO	HRDOW
L0000409	0	0.15385E-01	671292.6	4341751.3	834.8	5.00	11.63	11.63	NO	HRDOW
L0000410	0	0.15385E-01	671313.1	4341765.7	835.1	5.00	11.63	11.63	NO	HRDOW
L0000411	0	0.15385E-01	671333.5	4341780.0	835.9	5.00	11.63	11.63	NO	HRDOW
L0000412	0	0.15385E-01	671354.0	4341794.3	837.4	5.00	11.63	11.63	NO	HRDOW
L0000413	0	0.15385E-01	671374.5	4341808.7	839.2	5.00	11.63	11.63	NO	HRDOW
L0000414	0	0.15385E-01	671392.0	4341800.1	840.4	5.00	11.63	11.63	NO	HRDOW
L0000415	0	0.15385E-01	671408.2	4341781.1	840.8	5.00	11.63	11.63	NO	HRDOW
L0000416	0	0.15385E-01	671424.3	4341762.0	841.0	5.00	11.63	11.63	NO	HRDOW
L0000417	0	0.15385E-01	671440.5	4341742.9	842.1	5.00	11.63	11.63	NO	HRDOW
L0000418	0	0.15385E-01	671456.6	4341723.8	843.6	5.00	11.63	11.63	NO	HRDOW
L0000419	0	0.15385E-01	671472.8	4341704.8	844.2	5.00	11.63	11.63	NO	HRDOW
L0000420	0	0.15385E-01	671489.0	4341685.7	844.8	5.00	11.63	11.63	NO	HRDOW
L0000421	0	0.15385E-01	671485.9	4341667.8	844.4	5.00	11.63	11.63	NO	HRDOW
L0000422	0	0.15385E-01	671467.5	4341650.8	843.0	5.00	11.63	11.63	NO	HRDOW
L0000423	0	0.15385E-01	671467.9	4341634.2	843.1	5.00	11.63	11.63	NO	HRDOW
L0000424	0	0.15385E-01	671486.7	4341617.7	843.8	5.00	11.63	11.63	NO	HRDOW
L0000425	0	0.15385E-01	671505.6	4341601.3	843.4	5.00	11.63	11.63	NO	HRDOW
L0000426	0	0.15385E-01	671500.2	4341586.6	843.1	5.00	11.63	11.63	NO	HRDOW
L0000427	0	0.15385E-01	671479.2	4341573.1	842.6	5.00	11.63	11.63	NO	HRDOW
L0000428	0	0.15385E-01	671458.2	4341559.7	842.1	5.00	11.63	11.63	NO	HRDOW
L0000429	0	0.15385E-01	671437.1	4341546.2	842.0	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000430	0	0.15385E-01	671416.1	4341532.7	848.8	5.00	11.63	11.63	NO	HRDOW
L0000431	0	0.15385E-01	671398.7	4341543.6	849.3	5.00	11.63	11.63	NO	HRDOW
L0000432	0	0.15385E-01	671382.5	4341562.7	849.6	5.00	11.63	11.63	NO	HRDOW
L0000433	0	0.15385E-01	671366.3	4341581.7	849.8	5.00	11.63	11.63	NO	HRDOW
L0000434	0	0.15385E-01	671350.2	4341600.8	850.0	5.00	11.63	11.63	NO	HRDOW
L0000435	0	0.15385E-01	671334.0	4341619.9	850.0	5.00	11.63	11.63	NO	HRDOW
L0000436	0	0.15385E-01	671317.9	4341639.0	849.6	5.00	11.63	11.63	NO	HRDOW
L0000437	0	0.15385E-01	671301.7	4341658.0	846.8	5.00	11.63	11.63	NO	HRDOW
L0000438	0	0.15385E-01	671285.6	4341677.1	842.6	5.00	11.63	11.63	NO	HRDOW

L0000439	0	0.15385E-01	671269.4	4341696.2	837.3	5.00	11.63	11.63	NO	HRDOW
L0000440	0	0.15385E-01	671286.3	4341711.0	835.9	5.00	11.63	11.63	NO	HRDOW
L0000441	0	0.15385E-01	671306.8	4341725.3	836.0	5.00	11.63	11.63	NO	HRDOW
L0000442	0	0.15385E-01	671327.2	4341739.7	836.3	5.00	11.63	11.63	NO	HRDOW
L0000443	0	0.15385E-01	671347.7	4341754.0	836.9	5.00	11.63	11.63	NO	HRDOW
L0000444	0	0.15385E-01	671367.6	4341762.1	838.0	5.00	11.63	11.63	NO	HRDOW
L0000445	0	0.15385E-01	671385.4	4341744.5	839.0	5.00	11.63	11.63	NO	HRDOW
L0000446	0	0.15385E-01	671403.2	4341726.9	840.3	5.00	11.63	11.63	NO	HRDOW
L0000447	0	0.15385E-01	671421.0	4341709.3	841.2	5.00	11.63	11.63	NO	HRDOW
L0000448	0	0.15385E-01	671438.7	4341691.7	841.8	5.00	11.63	11.63	NO	HRDOW
L0000449	0	0.15385E-01	671450.3	4341674.3	842.5	5.00	11.63	11.63	NO	HRDOW
L0000450	0	0.15385E-01	671431.8	4341657.4	842.0	5.00	11.63	11.63	NO	HRDOW
L0000451	0	0.15385E-01	671423.2	4341639.7	841.5	5.00	11.63	11.63	NO	HRDOW
L0000452	0	0.15385E-01	671438.5	4341620.0	842.1	5.00	11.63	11.63	NO	HRDOW
L0000453	0	0.15385E-01	671453.8	4341600.2	843.0	5.00	11.63	11.63	NO	HRDOW
L0000454	0	0.15385E-01	671448.0	4341584.6	842.8	5.00	11.63	11.63	NO	HRDOW
L0000455	0	0.15385E-01	671426.5	4341571.9	842.1	5.00	11.63	11.63	NO	HRDOW
L0000456	0	0.15385E-01	671407.4	4341573.8	842.3	5.00	11.63	11.63	NO	HRDOW
L0000457	0	0.15385E-01	671391.4	4341592.9	842.3	5.00	11.63	11.63	NO	HRDOW
L0000458	0	0.15385E-01	671375.3	4341612.1	841.7	5.00	11.63	11.63	NO	HRDOW
L0000459	0	0.15385E-01	671359.2	4341631.2	841.5	5.00	11.63	11.63	NO	HRDOW
L0000460	0	0.15385E-01	671343.2	4341650.4	841.3	5.00	11.63	11.63	NO	HRDOW
L0000461	0	0.15385E-01	671327.1	4341669.5	841.5	5.00	11.63	11.63	NO	HRDOW
L0000462	0	0.15385E-01	671311.0	4341688.7	840.2	5.00	11.63	11.63	NO	HRDOW
L0000463	0	0.15385E-01	671321.8	4341703.7	837.8	5.00	11.63	11.63	NO	HRDOW
L0000464	0	0.15385E-01	671342.9	4341717.0	837.5	5.00	11.63	11.63	NO	HRDOW
L0000465	0	0.15385E-01	671364.1	4341730.3	838.1	5.00	11.63	11.63	NO	HRDOW
L0000466	0	0.15385E-01	671380.4	4341716.7	839.1	5.00	11.63	11.63	NO	HRDOW
L0000467	0	0.15385E-01	671395.6	4341696.8	840.1	5.00	11.63	11.63	NO	HRDOW
L0000468	0	0.15385E-01	671394.5	4341679.4	840.6	5.00	11.63	11.63	NO	HRDOW
L0000469	0	0.15385E-01	671375.5	4341664.5	839.4	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY
L0000470	0	0.15385E-01	671389.1	4341643.5	840.4	5.00	11.63	11.63	NO HRDOW
L0000471	0	0.15385E-01	671402.7	4341622.5	841.5	5.00	11.63	11.63	NO HRDOW
L0000472	0	0.15385E-01	671416.3	4341601.5	842.2	5.00	11.63	11.63	NO HRDOW
L0000473	0	0.12195E-01	671016.8	4342175.0	845.8	5.00	11.63	11.63	NO HRDOW
L0000474	0	0.12195E-01	670992.4	4342180.4	844.7	5.00	11.63	11.63	NO HRDOW
L0000475	0	0.12195E-01	670968.0	4342185.8	843.2	5.00	11.63	11.63	NO HRDOW
L0000476	0	0.12195E-01	670943.5	4342191.1	840.5	5.00	11.63	11.63	NO HRDOW
L0000477	0	0.12195E-01	670919.1	4342196.5	839.1	5.00	11.63	11.63	NO HRDOW
L0000478	0	0.12195E-01	670894.7	4342201.9	835.4	5.00	11.63	11.63	NO HRDOW
L0000479	0	0.12195E-01	670870.3	4342207.3	834.0	5.00	11.63	11.63	NO HRDOW

L0000480	0	0.12195E-01	670845.9	4342212.7	830.7	5.00	11.63	11.63	NO	HRDOW
L0000481	0	0.12195E-01	670821.5	4342218.1	828.0	5.00	11.63	11.63	NO	HRDOW
L0000482	0	0.12195E-01	670797.2	4342213.5	826.2	5.00	11.63	11.63	NO	HRDOW
L0000483	0	0.12195E-01	670772.9	4342207.6	825.9	5.00	11.63	11.63	NO	HRDOW
L0000484	0	0.12195E-01	670748.6	4342201.6	826.5	5.00	11.63	11.63	NO	HRDOW
L0000485	0	0.12195E-01	670724.3	4342195.7	828.0	5.00	11.63	11.63	NO	HRDOW
L0000486	0	0.12195E-01	670700.1	4342189.7	828.5	5.00	11.63	11.63	NO	HRDOW
L0000487	0	0.12195E-01	670675.8	4342183.8	823.2	5.00	11.63	11.63	NO	HRDOW
L0000488	0	0.12195E-01	670652.1	4342180.3	819.1	5.00	11.63	11.63	NO	HRDOW
L0000489	0	0.12195E-01	670633.1	4342196.6	819.4	5.00	11.63	11.63	NO	HRDOW
L0000490	0	0.12195E-01	670614.1	4342212.9	819.4	5.00	11.63	11.63	NO	HRDOW
L0000491	0	0.12195E-01	670595.2	4342229.2	816.5	5.00	11.63	11.63	NO	HRDOW
L0000492	0	0.12195E-01	670576.2	4342245.4	816.3	5.00	11.63	11.63	NO	HRDOW
L0000493	0	0.12195E-01	670557.2	4342261.7	816.9	5.00	11.63	11.63	NO	HRDOW
L0000494	0	0.12195E-01	670537.3	4342276.7	816.3	5.00	11.63	11.63	NO	HRDOW
L0000495	0	0.12195E-01	670515.9	4342289.7	814.8	5.00	11.63	11.63	NO	HRDOW
L0000496	0	0.12195E-01	670494.6	4342302.7	813.5	5.00	11.63	11.63	NO	HRDOW
L0000497	0	0.12195E-01	670480.9	4342322.9	813.7	5.00	11.63	11.63	NO	HRDOW
L0000498	0	0.12195E-01	670469.1	4342345.0	814.3	5.00	11.63	11.63	NO	HRDOW
L0000499	0	0.12195E-01	670457.4	4342367.1	814.9	5.00	11.63	11.63	NO	HRDOW
L0000500	0	0.12195E-01	670445.7	4342389.1	815.9	5.00	11.63	11.63	NO	HRDOW
L0000501	0	0.12195E-01	670431.0	4342408.5	816.9	5.00	11.63	11.63	NO	HRDOW
L0000502	0	0.12195E-01	670409.7	4342421.5	817.4	5.00	11.63	11.63	NO	HRDOW
L0000503	0	0.12195E-01	670388.3	4342434.5	817.1	5.00	11.63	11.63	NO	HRDOW
L0000504	0	0.12195E-01	670367.0	4342447.5	816.5	5.00	11.63	11.63	NO	HRDOW
L0000505	0	0.12195E-01	670345.6	4342460.5	815.3	5.00	11.63	11.63	NO	HRDOW
L0000506	0	0.12195E-01	670324.3	4342473.5	812.4	5.00	11.63	11.63	NO	HRDOW
L0000507	0	0.12195E-01	670302.9	4342486.5	811.3	5.00	11.63	11.63	NO	HRDOW
L0000508	0	0.12195E-01	670280.2	4342496.6	811.3	5.00	11.63	11.63	NO	HRDOW
L0000509	0	0.12195E-01	670256.6	4342505.0	812.5	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000510	0	0.12195E-01	670233.1	4342513.4	813.6	5.00	11.63	11.63	NO	HRDOW
L0000511	0	0.12195E-01	670209.5	4342521.8	811.5	5.00	11.63	11.63	NO	HRDOW
L0000512	0	0.12195E-01	670186.0	4342530.2	809.7	5.00	11.63	11.63	NO	HRDOW
L0000513	0	0.12195E-01	670162.6	4342538.9	808.5	5.00	11.63	11.63	NO	HRDOW
L0000514	0	0.12195E-01	670140.4	4342550.5	807.8	5.00	11.63	11.63	NO	HRDOW
L0000515	0	0.12195E-01	670118.2	4342562.0	804.4	5.00	11.63	11.63	NO	HRDOW
L0000516	0	0.12195E-01	670096.1	4342573.5	803.9	5.00	11.63	11.63	NO	HRDOW
L0000517	0	0.12195E-01	670073.9	4342585.1	803.6	5.00	11.63	11.63	NO	HRDOW
L0000518	0	0.12195E-01	670051.7	4342596.6	803.4	5.00	11.63	11.63	NO	HRDOW
L0000519	0	0.12195E-01	670029.5	4342608.2	803.9	5.00	11.63	11.63	NO	HRDOW
L0000520	0	0.12195E-01	670007.0	4342618.5	803.3	5.00	11.63	11.63	NO	HRDOW

L0000521	0	0.12195E-01	669982.1	4342620.6	799.7	5.00	11.63	11.63	NO	HRDOW
L0000522	0	0.12195E-01	669957.7	4342617.0	799.4	5.00	11.63	11.63	NO	HRDOW
L0000523	0	0.12195E-01	669933.7	4342610.2	797.3	5.00	11.63	11.63	NO	HRDOW
L0000524	0	0.12195E-01	669909.6	4342603.4	793.6	5.00	11.63	11.63	NO	HRDOW
L0000525	0	0.12195E-01	669885.5	4342596.6	793.6	5.00	11.63	11.63	NO	HRDOW
L0000526	0	0.12195E-01	669861.5	4342589.8	794.3	5.00	11.63	11.63	NO	HRDOW
L0000527	0	0.12195E-01	669837.4	4342583.0	795.2	5.00	11.63	11.63	NO	HRDOW
L0000528	0	0.12195E-01	669813.4	4342576.2	795.5	5.00	11.63	11.63	NO	HRDOW
L0000529	0	0.12195E-01	669788.6	4342573.7	797.1	5.00	11.63	11.63	NO	HRDOW
L0000530	0	0.12195E-01	669763.6	4342572.3	797.5	5.00	11.63	11.63	NO	HRDOW
L0000531	0	0.12195E-01	669738.7	4342570.9	795.0	5.00	11.63	11.63	NO	HRDOW
L0000532	0	0.12195E-01	669713.7	4342569.4	792.3	5.00	11.63	11.63	NO	HRDOW
L0000533	0	0.12195E-01	669689.3	4342572.1	791.3	5.00	11.63	11.63	NO	HRDOW
L0000534	0	0.12195E-01	669665.4	4342579.5	791.3	5.00	11.63	11.63	NO	HRDOW
L0000535	0	0.12195E-01	669641.5	4342586.8	790.9	5.00	11.63	11.63	NO	HRDOW
L0000536	0	0.12195E-01	669617.9	4342594.9	786.9	5.00	11.63	11.63	NO	HRDOW
L0000537	0	0.12195E-01	669597.3	4342609.1	786.9	5.00	11.63	11.63	NO	HRDOW
L0000538	0	0.12195E-01	669576.8	4342623.3	786.7	5.00	11.63	11.63	NO	HRDOW
L0000539	0	0.12195E-01	669556.2	4342637.6	786.4	5.00	11.63	11.63	NO	HRDOW
L0000540	0	0.12195E-01	669536.3	4342652.5	786.1	5.00	11.63	11.63	NO	HRDOW
L0000541	0	0.12195E-01	669519.1	4342670.6	785.7	5.00	11.63	11.63	NO	HRDOW
L0000542	0	0.12195E-01	669501.9	4342688.7	782.9	5.00	11.63	11.63	NO	HRDOW
L0000543	0	0.12195E-01	669484.6	4342706.9	780.0	5.00	11.63	11.63	NO	HRDOW
L0000544	0	0.12195E-01	669474.5	4342729.3	779.9	5.00	11.63	11.63	NO	HRDOW
L0000545	0	0.12195E-01	669466.6	4342753.0	780.6	5.00	11.63	11.63	NO	HRDOW
L0000546	0	0.12195E-01	669458.7	4342776.7	783.2	5.00	11.63	11.63	NO	HRDOW
L0000547	0	0.12195E-01	669450.8	4342800.4	785.1	5.00	11.63	11.63	NO	HRDOW
L0000548	0	0.12195E-01	669441.9	4342823.2	786.0	5.00	11.63	11.63	NO	HRDOW
L0000549	0	0.12195E-01	669418.6	4342832.2	785.9	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000550	0	0.12195E-01	669400.2	4342846.0	785.9	5.00	11.63	11.63	NO	HRDOW
L0000551	0	0.12195E-01	669391.6	4342869.5	785.6	5.00	11.63	11.63	NO	HRDOW
L0000552	0	0.12195E-01	669382.9	4342893.0	785.4	5.00	11.63	11.63	NO	HRDOW
L0000553	0	0.12195E-01	669374.3	4342916.4	785.0	5.00	11.63	11.63	NO	HRDOW
L0000554	0	0.12195E-01	669365.7	4342939.9	784.3	5.00	11.63	11.63	NO	HRDOW
L0000674	0	0.37037E-01	671180.0	4342137.7	840.6	5.00	11.63	11.63	NO	HRDOW
L0000675	0	0.37037E-01	671196.0	4342118.5	840.2	5.00	11.63	11.63	NO	HRDOW
L0000676	0	0.37037E-01	671214.7	4342102.9	840.7	5.00	11.63	11.63	NO	HRDOW
L0000677	0	0.37037E-01	671237.8	4342093.4	841.6	5.00	11.63	11.63	NO	HRDOW
L0000678	0	0.37037E-01	671260.9	4342083.8	844.1	5.00	11.63	11.63	NO	HRDOW
L0000679	0	0.37037E-01	671276.8	4342065.1	844.5	5.00	11.63	11.63	NO	HRDOW
L0000680	0	0.37037E-01	671291.5	4342044.9	845.0	5.00	11.63	11.63	NO	HRDOW

L0000681	0	0.37037E-01	671306.3	4342024.7	846.7	5.00	11.63	11.63	NO	HRDOW
L0000682	0	0.37037E-01	671320.1	4342003.8	846.0	5.00	11.63	11.63	NO	HRDOW
L0000683	0	0.37037E-01	671333.9	4341983.0	845.7	5.00	11.63	11.63	NO	HRDOW
L0000684	0	0.37037E-01	671351.1	4341965.6	845.2	5.00	11.63	11.63	NO	HRDOW
L0000685	0	0.37037E-01	671371.7	4341951.4	846.8	5.00	11.63	11.63	NO	HRDOW
L0000686	0	0.37037E-01	671388.8	4341934.0	848.0	5.00	11.63	11.63	NO	HRDOW
L0000687	0	0.37037E-01	671401.7	4341912.5	847.8	5.00	11.63	11.63	NO	HRDOW
L0000688	0	0.37037E-01	671414.2	4341890.9	848.0	5.00	11.63	11.63	NO	HRDOW
L0000689	0	0.37037E-01	671425.8	4341868.7	848.1	5.00	11.63	11.63	NO	HRDOW
L0000690	0	0.37037E-01	671437.4	4341846.6	848.4	5.00	11.63	11.63	NO	HRDOW
L0000691	0	0.37037E-01	671449.1	4341824.5	848.3	5.00	11.63	11.63	NO	HRDOW
L0000692	0	0.37037E-01	671461.8	4341803.0	847.6	5.00	11.63	11.63	NO	HRDOW
L0000693	0	0.37037E-01	671474.8	4341781.6	847.2	5.00	11.63	11.63	NO	HRDOW
L0000694	0	0.37037E-01	671487.9	4341760.3	847.1	5.00	11.63	11.63	NO	HRDOW
L0000695	0	0.37037E-01	671500.9	4341739.0	847.0	5.00	11.63	11.63	NO	HRDOW
L0000696	0	0.37037E-01	671513.9	4341717.6	847.1	5.00	11.63	11.63	NO	HRDOW
L0000697	0	0.37037E-01	671525.4	4341695.4	846.4	5.00	11.63	11.63	NO	HRDOW
L0000698	0	0.37037E-01	671536.9	4341673.2	845.6	5.00	11.63	11.63	NO	HRDOW
L0000699	0	0.37037E-01	671532.4	4341649.9	844.0	5.00	11.63	11.63	NO	HRDOW
L0000700	0	0.37037E-01	671509.4	4341643.0	844.6	5.00	11.63	11.63	NO	HRDOW
L0001020	0	0.16949E-01	671102.0	4342102.0	840.1	5.00	11.63	11.63	NO	HRDOW
L0001021	0	0.16949E-01	671113.9	4342124.0	841.1	5.00	11.63	11.63	NO	HRDOW
L0001022	0	0.16949E-01	671161.9	4342076.3	836.3	5.00	11.63	11.63	NO	HRDOW
L0001023	0	0.16949E-01	671186.2	4342070.2	837.8	5.00	11.63	11.63	NO	HRDOW
L0001024	0	0.16949E-01	671210.4	4342064.1	838.9	5.00	11.63	11.63	NO	HRDOW
L0001025	0	0.16949E-01	671234.7	4342058.1	840.0	5.00	11.63	11.63	NO	HRDOW
L0001026	0	0.16949E-01	671215.3	4342045.8	838.2	5.00	11.63	11.63	NO	HRDOW
L0001027	0	0.16949E-01	671223.5	4342025.5	837.7	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X (METERS)	RELEASE Y (METERS)	INIT. ELEV. (METERS)	INIT. HEIGHT (METERS)	SY (METERS)	SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY

L0001028	0	0.16949E-01	671246.0	4342034.1	839.6	5.00	11.63	11.63	NO	HRDOW
L0001029	0	0.16949E-01	671266.6	4342035.4	841.1	5.00	11.63	11.63	NO	HRDOW
L0001030	0	0.16949E-01	671277.2	4342016.3	840.9	5.00	11.63	11.63	NO	HRDOW
L0001031	0	0.16949E-01	671255.2	4342004.6	838.9	5.00	11.63	11.63	NO	HRDOW
L0001032	0	0.16949E-01	671237.7	4341991.8	837.1	5.00	11.63	11.63	NO	HRDOW
L0001033	0	0.16949E-01	671252.4	4341971.6	837.4	5.00	11.63	11.63	NO	HRDOW
L0001034	0	0.16949E-01	671272.9	4341971.0	838.8	5.00	11.63	11.63	NO	HRDOW
L0001035	0	0.16949E-01	671296.2	4341980.0	840.6	5.00	11.63	11.63	NO	HRDOW
L0001036	0	0.16949E-01	671314.6	4341971.3	841.2	5.00	11.63	11.63	NO	HRDOW
L0001037	0	0.16949E-01	671329.9	4341951.5	841.4	5.00	11.63	11.63	NO	HRDOW
L0001038	0	0.16949E-01	671345.1	4341931.7	842.2	5.00	11.63	11.63	NO	HRDOW
L0001039	0	0.16949E-01	671360.4	4341911.9	842.8	5.00	11.63	11.63	NO	HRDOW
L0001040	0	0.16949E-01	671375.6	4341892.1	843.8	5.00	11.63	11.63	NO	HRDOW

L0001041	0	0.16949E-01	671390.9	4341872.3	844.4	5.00	11.63	11.63	NO	HRDOW
L0001042	0	0.16949E-01	671406.1	4341852.5	842.5	5.00	11.63	11.63	NO	HRDOW
L0001043	0	0.16949E-01	671410.7	4341834.0	841.6	5.00	11.63	11.63	NO	HRDOW
L0001044	0	0.16949E-01	671392.5	4341829.3	840.7	5.00	11.63	11.63	NO	HRDOW
L0001045	0	0.16949E-01	671377.4	4341849.2	842.4	5.00	11.63	11.63	NO	HRDOW
L0001046	0	0.16949E-01	671360.2	4341851.6	841.5	5.00	11.63	11.63	NO	HRDOW
L0001047	0	0.16949E-01	671343.3	4341851.9	839.6	5.00	11.63	11.63	NO	HRDOW
L0001048	0	0.16949E-01	671329.7	4341872.8	839.4	5.00	11.63	11.63	NO	HRDOW
L0001049	0	0.16949E-01	671316.2	4341893.8	839.3	5.00	11.63	11.63	NO	HRDOW
L0001050	0	0.16949E-01	671302.6	4341914.8	839.0	5.00	11.63	11.63	NO	HRDOW
L0001051	0	0.16949E-01	671289.0	4341935.8	838.7	5.00	11.63	11.63	NO	HRDOW
L0001052	0	0.16949E-01	671275.4	4341956.8	838.5	5.00	11.63	11.63	NO	HRDOW
L0001053	0	0.16949E-01	671254.4	4341948.4	837.0	5.00	11.63	11.63	NO	HRDOW
L0001054	0	0.16949E-01	671265.0	4341928.3	836.9	5.00	11.63	11.63	NO	HRDOW
L0001055	0	0.16949E-01	671278.8	4341907.4	837.4	5.00	11.63	11.63	NO	HRDOW
L0001056	0	0.16949E-01	671292.6	4341886.6	837.8	5.00	11.63	11.63	NO	HRDOW
L0001057	0	0.16949E-01	671306.4	4341865.7	837.5	5.00	11.63	11.63	NO	HRDOW
L0001058	0	0.16949E-01	671320.2	4341844.9	837.0	5.00	11.63	11.63	NO	HRDOW
L0001059	0	0.16949E-01	671330.5	4341824.9	836.4	5.00	11.63	11.63	NO	HRDOW
L0001060	0	0.16949E-01	671308.7	4341812.5	834.9	5.00	11.63	11.63	NO	HRDOW
L0001061	0	0.16949E-01	671287.0	4341800.1	833.9	5.00	11.63	11.63	NO	HRDOW
L0001062	0	0.16949E-01	671268.3	4341803.4	833.2	5.00	11.63	11.63	NO	HRDOW
L0001063	0	0.16949E-01	671252.8	4341823.0	832.5	5.00	11.63	11.63	NO	HRDOW
L0001064	0	0.16949E-01	671263.8	4341840.8	834.9	5.00	11.63	11.63	NO	HRDOW
L0001065	0	0.16949E-01	671279.8	4341839.3	835.5	5.00	11.63	11.63	NO	HRDOW
VOL1	0	0.16949E-01	670986.5	4342143.8	839.7	5.00	5.81	1.16	NO	HRDOW
VOL2	0	0.16949E-01	671212.9	4341826.6	830.2	5.00	5.81	1.16	NO	HRDOW

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X (METERS)	RELEASE Y (METERS)	INIT. ELEV. (METERS)	INIT. HEIGHT (METERS)	SY (METERS)	SZ (METERS)	URBAN SOURCE (METERS)	EMISSION SCALAR VARY BY
L0000851	0	0.63291E-02	671109.9	4342113.9	840.3	5.00	11.63	11.63	NO	HRDOW
L0000852	0	0.63291E-02	671128.8	4342130.2	840.5	5.00	11.63	11.63	NO	HRDOW
L0000853	0	0.63291E-02	671147.7	4342146.5	841.3	5.00	11.63	11.63	NO	HRDOW
L0000854	0	0.63291E-02	671146.2	4342158.9	842.4	5.00	11.63	11.63	NO	HRDOW
L0000855	0	0.63291E-02	671122.4	4342164.7	843.9	5.00	11.63	11.63	NO	HRDOW
L0000856	0	0.63291E-02	671098.0	4342159.2	844.6	5.00	11.63	11.63	NO	HRDOW
L0000857	0	0.63291E-02	671073.7	4342158.8	845.4	5.00	11.63	11.63	NO	HRDOW
L0000858	0	0.63291E-02	671057.4	4342171.5	846.8	5.00	11.63	11.63	NO	HRDOW
L0000859	0	0.63291E-02	671075.0	4342189.3	847.3	5.00	11.63	11.63	NO	HRDOW
L0000860	0	0.63291E-02	671092.5	4342207.1	849.1	5.00	11.63	11.63	NO	HRDOW
L0000861	0	0.63291E-02	671110.0	4342225.0	849.9	5.00	11.63	11.63	NO	HRDOW
L0000862	0	0.63291E-02	671127.5	4342242.8	850.7	5.00	11.63	11.63	NO	HRDOW
L0000863	0	0.63291E-02	671145.1	4342260.6	854.0	5.00	11.63	11.63	NO	HRDOW
L0000864	0	0.63291E-02	671162.6	4342278.4	855.5	5.00	11.63	11.63	NO	HRDOW

L0000865	0	0.63291E-02	671180.1	4342296.3	857.4	5.00	11.63	11.63	NO	HRDOW
L0000866	0	0.63291E-02	671173.1	4342313.8	858.9	5.00	11.63	11.63	NO	HRDOW
L0000867	0	0.63291E-02	671155.1	4342331.1	859.7	5.00	11.63	11.63	NO	HRDOW
L0000868	0	0.63291E-02	671137.1	4342348.4	860.1	5.00	11.63	11.63	NO	HRDOW
L0000869	0	0.63291E-02	671119.0	4342365.7	860.5	5.00	11.63	11.63	NO	HRDOW
L0000870	0	0.63291E-02	671101.0	4342383.1	860.2	5.00	11.63	11.63	NO	HRDOW
L0000871	0	0.63291E-02	671085.6	4342402.7	859.1	5.00	11.63	11.63	NO	HRDOW
L0000872	0	0.63291E-02	671070.8	4342422.8	857.8	5.00	11.63	11.63	NO	HRDOW
L0000873	0	0.63291E-02	671056.0	4342443.0	855.4	5.00	11.63	11.63	NO	HRDOW
L0000874	0	0.63291E-02	671041.2	4342463.1	852.2	5.00	11.63	11.63	NO	HRDOW
L0000875	0	0.63291E-02	671026.4	4342483.3	850.1	5.00	11.63	11.63	NO	HRDOW
L0000876	0	0.63291E-02	671011.6	4342503.4	849.5	5.00	11.63	11.63	NO	HRDOW
L0000877	0	0.63291E-02	670998.6	4342524.7	849.5	5.00	11.63	11.63	NO	HRDOW
L0000878	0	0.63291E-02	670986.9	4342546.8	850.7	5.00	11.63	11.63	NO	HRDOW
L0000879	0	0.63291E-02	670975.3	4342568.9	851.9	5.00	11.63	11.63	NO	HRDOW
L0000880	0	0.63291E-02	670963.6	4342591.0	852.5	5.00	11.63	11.63	NO	HRDOW
L0000881	0	0.63291E-02	670951.9	4342613.1	853.5	5.00	11.63	11.63	NO	HRDOW
L0000882	0	0.63291E-02	670940.3	4342635.2	855.4	5.00	11.63	11.63	NO	HRDOW
L0000883	0	0.63291E-02	670928.6	4342657.3	857.3	5.00	11.63	11.63	NO	HRDOW
L0000884	0	0.63291E-02	670916.9	4342679.5	859.1	5.00	11.63	11.63	NO	HRDOW
L0000885	0	0.63291E-02	670905.2	4342701.6	859.9	5.00	11.63	11.63	NO	HRDOW
L0000886	0	0.63291E-02	670893.6	4342723.7	862.0	5.00	11.63	11.63	NO	HRDOW
L0000887	0	0.63291E-02	670879.5	4342744.2	864.8	5.00	11.63	11.63	NO	HRDOW
L0000888	0	0.63291E-02	670864.4	4342764.2	865.5	5.00	11.63	11.63	NO	HRDOW
L0000889	0	0.63291E-02	670849.3	4342784.1	865.9	5.00	11.63	11.63	NO	HRDOW
L0000890	0	0.63291E-02	670834.3	4342804.1	866.2	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC) (METERS)	BASE X (METERS)	RELEASE Y (METERS)	INIT. ELEV. (METERS)	INIT. HEIGHT (METERS)	SY (METERS)	SZ (METERS)	URBAN SOURCE (METERS)	EMISSION SCALAR VARY BY
L0000891	0	0.63291E-02	670814.8	4342819.4	865.0	5.00	11.63	11.63	NO	HRDOW
L0000892	0	0.63291E-02	670794.1	4342833.4	863.0	5.00	11.63	11.63	NO	HRDOW
L0000893	0	0.63291E-02	670773.4	4342847.4	860.2	5.00	11.63	11.63	NO	HRDOW
L0000894	0	0.63291E-02	670752.6	4342861.3	859.9	5.00	11.63	11.63	NO	HRDOW
L0000895	0	0.63291E-02	670731.9	4342875.3	858.1	5.00	11.63	11.63	NO	HRDOW
L0000896	0	0.63291E-02	670711.2	4342889.3	855.2	5.00	11.63	11.63	NO	HRDOW
L0000897	0	0.63291E-02	670690.4	4342903.2	853.3	5.00	11.63	11.63	NO	HRDOW
L0000898	0	0.63291E-02	670669.7	4342917.2	851.8	5.00	11.63	11.63	NO	HRDOW
L0000899	0	0.63291E-02	670649.0	4342931.2	849.9	5.00	11.63	11.63	NO	HRDOW
L0000900	0	0.63291E-02	670628.2	4342945.1	847.1	5.00	11.63	11.63	NO	HRDOW
L0000901	0	0.63291E-02	670607.5	4342959.1	844.5	5.00	11.63	11.63	NO	HRDOW
L0000902	0	0.63291E-02	670586.8	4342973.1	843.0	5.00	11.63	11.63	NO	HRDOW
L0000903	0	0.63291E-02	670566.0	4342987.0	841.7	5.00	11.63	11.63	NO	HRDOW
L0000904	0	0.63291E-02	670545.3	4343001.0	837.8	5.00	11.63	11.63	NO	HRDOW
L0000905	0	0.63291E-02	670524.6	4343015.0	836.6	5.00	11.63	11.63	NO	HRDOW

L0000906	0	0.63291E-02	670503.8	4343028.9	835.1	5.00	11.63	11.63	NO	HRDOW
L0000907	0	0.63291E-02	670486.5	4343046.8	832.1	5.00	11.63	11.63	NO	HRDOW
L0000908	0	0.63291E-02	670470.4	4343065.8	830.8	5.00	11.63	11.63	NO	HRDOW
L0000909	0	0.63291E-02	670454.2	4343084.9	829.4	5.00	11.63	11.63	NO	HRDOW
L0000910	0	0.63291E-02	670440.7	4343105.8	826.0	5.00	11.63	11.63	NO	HRDOW
L0000911	0	0.63291E-02	670429.2	4343128.0	824.4	5.00	11.63	11.63	NO	HRDOW
L0000912	0	0.63291E-02	670417.6	4343150.1	823.9	5.00	11.63	11.63	NO	HRDOW
L0000913	0	0.63291E-02	670399.5	4343158.6	824.5	5.00	11.63	11.63	NO	HRDOW
L0000914	0	0.63291E-02	670374.9	4343153.8	825.4	5.00	11.63	11.63	NO	HRDOW
L0000915	0	0.63291E-02	670351.4	4343154.9	826.3	5.00	11.63	11.63	NO	HRDOW
L0000916	0	0.63291E-02	670330.1	4343168.0	826.3	5.00	11.63	11.63	NO	HRDOW
L0000917	0	0.63291E-02	670308.8	4343181.1	826.4	5.00	11.63	11.63	NO	HRDOW
L0000918	0	0.63291E-02	670286.9	4343192.9	826.3	5.00	11.63	11.63	NO	HRDOW
L0000919	0	0.63291E-02	670263.3	4343201.1	826.4	5.00	11.63	11.63	NO	HRDOW
L0000920	0	0.63291E-02	670239.7	4343209.4	826.4	5.00	11.63	11.63	NO	HRDOW
L0000921	0	0.63291E-02	670216.1	4343217.6	826.4	5.00	11.63	11.63	NO	HRDOW
L0000922	0	0.63291E-02	670192.5	4343225.9	826.5	5.00	11.63	11.63	NO	HRDOW
L0000923	0	0.63291E-02	670168.9	4343234.2	826.6	5.00	11.63	11.63	NO	HRDOW
L0000924	0	0.63291E-02	670145.3	4343242.4	826.6	5.00	11.63	11.63	NO	HRDOW
L0000925	0	0.63291E-02	670121.7	4343250.7	826.3	5.00	11.63	11.63	NO	HRDOW
L0000926	0	0.63291E-02	670098.1	4343258.9	826.0	5.00	11.63	11.63	NO	HRDOW
L0000927	0	0.63291E-02	670074.5	4343267.2	825.7	5.00	11.63	11.63	NO	HRDOW
L0000928	0	0.63291E-02	670050.9	4343275.4	825.6	5.00	11.63	11.63	NO	HRDOW
L0000929	0	0.63291E-02	670027.3	4343283.7	825.8	5.00	11.63	11.63	NO	HRDOW
L0000930	0	0.63291E-02	670003.7	4343291.9	825.8	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC) (METERS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE (METERS)	EMISSION RATE SCALAR VARY BY
L0000931	0	0.63291E-02	669980.1	4343300.2	825.8	5.00	11.63	11.63	NO	HRDOW
L0000932	0	0.63291E-02	669956.3	4343306.0	825.7	5.00	11.63	11.63	NO	HRDOW
L0000933	0	0.63291E-02	669931.4	4343303.2	824.8	5.00	11.63	11.63	NO	HRDOW
L0000934	0	0.63291E-02	669906.6	4343300.4	822.9	5.00	11.63	11.63	NO	HRDOW
L0000935	0	0.63291E-02	669881.7	4343297.6	821.4	5.00	11.63	11.63	NO	HRDOW
L0000936	0	0.63291E-02	669856.9	4343294.9	819.7	5.00	11.63	11.63	NO	HRDOW
L0000937	0	0.63291E-02	669832.0	4343292.1	816.9	5.00	11.63	11.63	NO	HRDOW
L0000938	0	0.63291E-02	669807.2	4343289.3	815.0	5.00	11.63	11.63	NO	HRDOW
L0000939	0	0.63291E-02	669782.3	4343286.5	812.8	5.00	11.63	11.63	NO	HRDOW
L0000940	0	0.63291E-02	669757.5	4343283.8	810.8	5.00	11.63	11.63	NO	HRDOW
L0000941	0	0.63291E-02	669732.6	4343281.0	809.5	5.00	11.63	11.63	NO	HRDOW
L0000942	0	0.63291E-02	669707.8	4343278.7	807.1	5.00	11.63	11.63	NO	HRDOW
L0000943	0	0.63291E-02	669683.4	4343283.9	804.7	5.00	11.63	11.63	NO	HRDOW
L0000944	0	0.63291E-02	669658.9	4343289.0	803.0	5.00	11.63	11.63	NO	HRDOW
L0000945	0	0.63291E-02	669634.5	4343294.2	799.3	5.00	11.63	11.63	NO	HRDOW
L0000946	0	0.63291E-02	669612.1	4343305.3	797.5	5.00	11.63	11.63	NO	HRDOW

L0000947	0	0.63291E-02	669590.0	4343316.9	795.3	5.00	11.63	11.63	NO	HRDOW
L0000948	0	0.63291E-02	669567.9	4343328.6	791.5	5.00	11.63	11.63	NO	HRDOW
L0000949	0	0.63291E-02	669545.8	4343340.3	789.3	5.00	11.63	11.63	NO	HRDOW
L0000950	0	0.63291E-02	669523.7	4343352.0	786.3	5.00	11.63	11.63	NO	HRDOW
L0000951	0	0.63291E-02	669501.5	4343363.1	783.6	5.00	11.63	11.63	NO	HRDOW
L0000952	0	0.63291E-02	669476.5	4343364.8	783.0	5.00	11.63	11.63	NO	HRDOW
L0000953	0	0.63291E-02	669451.6	4343366.5	782.4	5.00	11.63	11.63	NO	HRDOW
L0000954	0	0.63291E-02	669427.2	4343364.2	782.2	5.00	11.63	11.63	NO	HRDOW
L0000955	0	0.63291E-02	669403.9	4343355.3	782.7	5.00	11.63	11.63	NO	HRDOW
L0000956	0	0.63291E-02	669380.5	4343346.4	782.7	5.00	11.63	11.63	NO	HRDOW
L0000957	0	0.63291E-02	669357.1	4343337.5	781.4	5.00	11.63	11.63	NO	HRDOW
L0000958	0	0.63291E-02	669333.8	4343328.6	779.3	5.00	11.63	11.63	NO	HRDOW
L0000959	0	0.63291E-02	669310.6	4343319.4	778.2	5.00	11.63	11.63	NO	HRDOW
L0000960	0	0.63291E-02	669292.1	4343302.5	777.7	5.00	11.63	11.63	NO	HRDOW
L0000961	0	0.63291E-02	669273.7	4343285.6	776.7	5.00	11.63	11.63	NO	HRDOW
L0000962	0	0.63291E-02	669255.3	4343268.7	775.4	5.00	11.63	11.63	NO	HRDOW
L0000963	0	0.63291E-02	669236.8	4343251.9	774.0	5.00	11.63	11.63	NO	HRDOW
L0000964	0	0.63291E-02	669218.1	4343243.5	772.6	5.00	11.63	11.63	NO	HRDOW
L0000965	0	0.63291E-02	669198.6	4343259.2	771.2	5.00	11.63	11.63	NO	HRDOW
L0000966	0	0.63291E-02	669179.1	4343274.8	769.5	5.00	11.63	11.63	NO	HRDOW
L0000967	0	0.63291E-02	669159.6	4343290.5	766.8	5.00	11.63	11.63	NO	HRDOW
L0000968	0	0.63291E-02	669140.1	4343306.1	763.9	5.00	11.63	11.63	NO	HRDOW
L0000969	0	0.63291E-02	669130.4	4343328.4	762.4	5.00	11.63	11.63	NO	HRDOW
L0000970	0	0.63291E-02	669123.0	4343352.3	761.9	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	URBAN		EMISSION RATE
SOURCE	PART. (GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE	SCALAR VARY
ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	BY

L0000971	0	0.63291E-02	669115.6	4343376.2	760.6	5.00	11.63	11.63	NO	HRDOW
L0000972	0	0.63291E-02	669108.2	4343400.0	759.6	5.00	11.63	11.63	NO	HRDOW
L0000973	0	0.63291E-02	669100.9	4343423.9	761.2	5.00	11.63	11.63	NO	HRDOW
L0000974	0	0.63291E-02	669076.6	4343418.3	760.7	5.00	11.63	11.63	NO	HRDOW
L0000975	0	0.63291E-02	669052.3	4343412.5	760.5	5.00	11.63	11.63	NO	HRDOW
L0000976	0	0.63291E-02	669028.0	4343406.7	760.5	5.00	11.63	11.63	NO	HRDOW
L0000977	0	0.63291E-02	669003.7	4343400.9	760.2	5.00	11.63	11.63	NO	HRDOW
L0000978	0	0.63291E-02	668979.3	4343395.1	759.9	5.00	11.63	11.63	NO	HRDOW
L0000979	0	0.63291E-02	668955.0	4343389.3	760.1	5.00	11.63	11.63	NO	HRDOW
L0000980	0	0.63291E-02	668930.7	4343383.5	760.5	5.00	11.63	11.63	NO	HRDOW
L0000981	0	0.63291E-02	668906.4	4343377.7	760.4	5.00	11.63	11.63	NO	HRDOW
L0000982	0	0.63291E-02	668881.8	4343378.0	760.8	5.00	11.63	11.63	NO	HRDOW
L0000983	0	0.63291E-02	668857.0	4343381.5	760.0	5.00	11.63	11.63	NO	HRDOW
L0000984	0	0.63291E-02	668832.3	4343385.0	758.6	5.00	11.63	11.63	NO	HRDOW
L0000985	0	0.63291E-02	668807.5	4343388.5	758.0	5.00	11.63	11.63	NO	HRDOW
L0000986	0	0.63291E-02	668782.8	4343392.1	757.7	5.00	11.63	11.63	NO	HRDOW
L0000987	0	0.63291E-02	668758.0	4343395.0	757.6	5.00	11.63	11.63	NO	HRDOW

L0000988	0	0.63291E-02	668733.0	4343394.7	757.5	5.00	11.63	11.63	NO	HRDOW
L0000989	0	0.63291E-02	668708.0	4343394.4	757.6	5.00	11.63	11.63	NO	HRDOW
L0000990	0	0.63291E-02	668683.0	4343394.1	756.6	5.00	11.63	11.63	NO	HRDOW
L0000991	0	0.63291E-02	668658.1	4343395.6	754.7	5.00	11.63	11.63	NO	HRDOW
L0000992	0	0.63291E-02	668633.2	4343398.0	752.9	5.00	11.63	11.63	NO	HRDOW
L0000993	0	0.63291E-02	668608.3	4343400.3	751.1	5.00	11.63	11.63	NO	HRDOW
L0000994	0	0.63291E-02	668583.4	4343402.7	750.4	5.00	11.63	11.63	NO	HRDOW
L0000995	0	0.63291E-02	668558.5	4343405.0	750.4	5.00	11.63	11.63	NO	HRDOW
L0000996	0	0.63291E-02	668533.6	4343407.4	750.2	5.00	11.63	11.63	NO	HRDOW
L0000997	0	0.63291E-02	668509.8	4343401.3	750.0	5.00	11.63	11.63	NO	HRDOW
L0000998	0	0.63291E-02	668486.4	4343392.5	749.6	5.00	11.63	11.63	NO	HRDOW
L0000999	0	0.63291E-02	668463.0	4343383.8	749.1	5.00	11.63	11.63	NO	HRDOW
L0001000	0	0.63291E-02	668439.6	4343375.1	748.5	5.00	11.63	11.63	NO	HRDOW
L0001001	0	0.63291E-02	668416.1	4343366.3	747.9	5.00	11.63	11.63	NO	HRDOW
L0001002	0	0.63291E-02	668392.7	4343357.6	747.6	5.00	11.63	11.63	NO	HRDOW
L0001003	0	0.63291E-02	668369.3	4343348.9	747.7	5.00	11.63	11.63	NO	HRDOW
L0001004	0	0.63291E-02	668345.9	4343340.1	747.8	5.00	11.63	11.63	NO	HRDOW
L0001005	0	0.63291E-02	668323.1	4343329.7	748.2	5.00	11.63	11.63	NO	HRDOW
L0001006	0	0.63291E-02	668300.4	4343319.4	747.8	5.00	11.63	11.63	NO	HRDOW
L0001007	0	0.63291E-02	668277.6	4343309.0	745.3	5.00	11.63	11.63	NO	HRDOW
L0001008	0	0.63291E-02	668254.9	4343298.7	744.8	5.00	11.63	11.63	NO	HRDOW
L0001066	0	0.16949E-01	671439.7	4341758.2	841.6	5.00	11.63	11.63	NO	HRDOW
L0001067	0	0.16949E-01	671453.8	4341737.6	843.5	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	PART. CATS.	NUMBER EMISSION RATE (GRAMS/SEC) (METERS)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	EMMISSION RATE

L0001068	0	0.16949E-01	671467.9	4341716.9	844.2	5.00	11.63	11.63	NO	HRDOW
L0001069	0	0.16949E-01	671482.1	4341696.3	844.6	5.00	11.63	11.63	NO	HRDOW
L0001070	0	0.16949E-01	671496.2	4341675.7	845.1	5.00	11.63	11.63	NO	HRDOW
L0001071	0	0.16949E-01	671513.4	4341673.2	845.5	5.00	11.63	11.63	NO	HRDOW
L0001072	0	0.16949E-01	671533.6	4341687.9	846.3	5.00	11.63	11.63	NO	HRDOW
L0001073	0	0.16949E-01	671521.1	4341707.6	847.0	5.00	11.63	11.63	NO	HRDOW
L0001074	0	0.16949E-01	671506.1	4341727.6	847.0	5.00	11.63	11.63	NO	HRDOW
L0001075	0	0.16949E-01	671491.1	4341747.6	846.8	5.00	11.63	11.63	NO	HRDOW
L0001076	0	0.16949E-01	671476.1	4341767.6	846.5	5.00	11.63	11.63	NO	HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** AREAPOLY SOURCE DATA ***

NUMBER EMISSION RATE LOCATION OF AREA BASE RELEASE NUMBER INIT. URBAN
EMISSION RATE
SOURCE PART. (GRAMS/SEC X Y ELEV. HEIGHT OF VERTS. SZ SOURCE SCALAR
VARY
ID CATS. /METER**2) (METERS) (METERS) (METERS) (METERS) (METERS) BY

PAREA1 0 0.89842E-03 671100.2 4342103.9 840.5 3.00 6 0.00 NO HRDOW
PAREA2 0 0.24358E-04 671251.6 4341735.3 833.7 1.00 4 0.00 NO HRDOW
PAREA3 0 0.48598E-05 668752.0 4343310.4 756.6 1.00 13 0.00 NO HRDOW

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

SRCGP1 PAREA1 ,
SRCGP2 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 , L0000681 ,
L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 , L0000689 ,
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L0000698 , L0000699 , L0000700 ,
SRCGP3 L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 ,
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

SRCGP4 L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156
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L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 , L0000164 ,
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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 , L0000265 , L0000266 , L0000267 , L0000268 ,
L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 , L0000275 , L0000276 ,

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L0000277 , L0000278 , L0000279 , L0000280 , L0000281 , L0000282 , L0000283 , L0000284 ,
L0000285 , L0000286 , L0000287 , L0000288 , L0000289 , L0000290 , L0000291 , L0000292 ,
L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 , L0000299 , L0000300 ,
L0000301 , L0000302 , L0000303 , L0000304 , L0000305 , L0000306 , L0000307 , L0000308 ,
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID          SOURCE IDs
-----
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 , 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 ,
SRCGP5 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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L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 ,
L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 ,
L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 ,
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 ,
L0000472 ,

SRCGP6 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 , L0000503 , L0000504 ,
L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 , L0000511 , L0000512 ,
L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 , L0000519 , L0000520 ,
L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 , L0000527 , L0000528 ,
L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 , L0000535 , L0000536 ,
L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 ,
L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 ,
L0000553 , L0000554 ,

SRCGP7 STCK1 , STCK2 , STCK3 , STCK4 , STCK5 , STCK6 ,

SRCGP8 STCK10 ,

SRCGP9 STCK7 ,

SRCGP10 STCK8 ,

SRCGP11 STCK9 ,

SRCGP12 L0001020 ,L0001021 ,L0001022 ,L0001023 ,L0001024 ,L0001025 ,L0001026 ,L0001027 ,

L0001028 ,L0001029 ,L0001030 ,L0001031 ,L0001032 ,L0001033 ,L0001034 ,L0001035 ,
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
	L0001036 ,L0001037 ,L0001038 ,L0001039 ,L0001040 ,L0001041 ,L0001042 ,L0001043 ,
	L0001044 ,L0001045 ,L0001046 ,L0001047 ,L0001048 ,L0001049 ,L0001050 ,L0001051 ,
	L0001052 ,L0001053 ,L0001054 ,L0001055 ,L0001056 ,L0001057 ,L0001058 ,L0001059 ,
	L0001060 ,L0001061 ,L0001062 ,L0001063 ,L0001064 ,L0001065 ,VOL1 ,VOL2 ,
	L0001066 ,L0001067 ,L0001068 ,L0001069 ,L0001070 ,L0001071 ,L0001072 ,L0001073 ,
	L0001074 ,L0001075 ,L0001076 ,
SRCGP13	L0000851 ,L0000852 ,L0000853 ,L0000854 ,L0000855 ,L0000856 ,L0000857 ,L0000858
	L0000859 ,L0000860 ,L0000861 ,L0000862 ,L0000863 ,L0000864 ,L0000865 ,L0000866 ,
	L0000867 ,L0000868 ,L0000869 ,L0000870 ,L0000871 ,L0000872 ,L0000873 ,L0000874 ,
	L0000875 ,L0000876 ,L0000877 ,L0000878 ,L0000879 ,L0000880 ,L0000881 ,L0000882 ,
	L0000883 ,L0000884 ,L0000885 ,L0000886 ,L0000887 ,L0000888 ,L0000889 ,L0000890 ,
	L0000891 ,L0000892 ,L0000893 ,L0000894 ,L0000895 ,L0000896 ,L0000897 ,L0000898 ,
	L0000899 ,L0000900 ,L0000901 ,L0000902 ,L0000903 ,L0000904 ,L0000905 ,L0000906 ,
	L0000907 ,L0000908 ,L0000909 ,L0000910 ,L0000911 ,L0000912 ,L0000913 ,L0000914 ,
	L0000915 ,L0000916 ,L0000917 ,L0000918 ,L0000919 ,L0000920 ,L0000921 ,L0000922 ,
	L0000923 ,L0000924 ,L0000925 ,L0000926 ,L0000927 ,L0000928 ,L0000929 ,L0000930 ,
	L0000931 ,L0000932 ,L0000933 ,L0000934 ,L0000935 ,L0000936 ,L0000937 ,L0000938 ,
	L0000939 ,L0000940 ,L0000941 ,L0000942 ,L0000943 ,L0000944 ,L0000945 ,L0000946 ,
	L0000947 ,L0000948 ,L0000949 ,L0000950 ,L0000951 ,L0000952 ,L0000953 ,L0000954 ,

L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 , L0000961 , L0000962 ,
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-----	-----
	L0000963 , L0000964 , L0000965 , L0000966 , L0000967 , L0000968 , L0000969 , L0000970 , L0000971 , L0000972 , L0000973 , L0000974 , L0000975 , L0000976 , L0000977 , L0000978 , L0000979 , L0000980 , L0000981 , L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 , L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 , L0000996 , L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 , L0001005 , L0001006 , L0001007 , L0001008 ,
SRCGP14	PAREA2 ,
SRCGP15	PAREA3 ,
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL	

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

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR

DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1200E+01	6	.1200E+01	7	.1200E+01	8	.1200E+01
9	.1200E+01	10	.1200E+01	11	.1200E+01	12	.1200E+01	13	.1200E+01	14	.1200E+01	15	.1200E+01	16	.1200E+01
17	.1200E+01	18	.1200E+01	19	.1200E+01	20	.1200E+01	21	.1200E+01	22	.1200E+01	23	.1200E+01	24	.1200E+01
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1200E+01	6	.1200E+01	7	.1200E+01	8	.1200E+01
9	.1200E+01	10	.1200E+01	11	.1200E+01	12	.1200E+01	13	.1200E+01	14	.1200E+01	15	.1200E+01	16	.1200E+01
17	.1200E+01	18	.1200E+01	19	.1200E+01	20	.1200E+01	21	.1200E+01	22	.1200E+01	23	.1200E+01	24	.1200E+01

.1200E+01

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .1200E+01 6 .1200E+01 7 .1200E+01 8
.1200E+01
9 .1200E+01 10 .1200E+01 11 .1200E+01 12 .1200E+01 13 .1200E+01 14 .1200E+01 15 .1200E+01 16
.1200E+01
17 .1200E+01 18 .1200E+01 19 .1200E+01 20 .1200E+01 21 .1200E+01 22 .1200E+01 23 .1200E+01 24
.1200E+01

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000555 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000556 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000557 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000558 ; 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 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 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 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000559 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR

```

```

-----
DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

```

```

DAY OF WEEK = SATURDAY

```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000560 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000561 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000562 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** 17:19:20

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

SOURCE ID = L0000563 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** 17:19:20

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

SOURCE ID = L0000564 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16

```

.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
      DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
      DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000565 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
-----
      DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
      DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
      DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000566 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000567 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000568 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000569 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000570 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000571 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000572 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000573 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

(HRDOW) *

SOURCE ID = L0000574 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000575 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000576 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000577 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000578 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000579 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000580 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000581 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000582 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000583 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** 17:19:20

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

SOURCE ID = L0000584 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20
*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000585 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000586 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000587 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20
*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000588 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000589 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000590 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000591 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000592 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000593 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000594 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000595 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000596 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000597 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000598 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000599 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000600 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000601 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000602 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000603 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000604 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000605 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000606 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000607 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01
13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01	17	.1500E+01	18	.1500E+01
19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

(HRDOW) *

SOURCE ID = L0000608 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000609 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000610 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000611 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000612 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000613 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000614 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000615 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000616 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000617 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000618 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000619 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000620 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000621 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000622 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000623 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000624 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000625 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000626 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000627 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000628 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000629 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000630 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000631 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000632 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000633 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000634 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000635 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000636 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000637 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000638 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000639 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000640 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000641 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000642 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000643 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY								
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01	
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01	
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00	

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000644 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000645 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000646 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000647 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000648 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000649 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000650 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000651 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000652 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000653 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000654 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000655 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000656 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000657 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000658 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000659 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000660 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000661 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

```

.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000662 ; 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 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 139
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = L0000663 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000664 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000665 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000666 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000667 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000668 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000669 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000670 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000671 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000672 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000673 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

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 = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

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 = SATURDAY							
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000153 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

* 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 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

* 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 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000164 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000166 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000167 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000169 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000170 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000175 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000176 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000179 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000182 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000183 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
.6000E+01
    9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
    9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
    9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   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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    *** AERMET - VERSION 14134 ***   ***                                     ***      17:19:20
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    *** MODELOPTs:  RegDFAULT CONC ELEV RURAL
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    * 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
.6000E+01
    9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
    9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000187 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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 RURAL

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

SOURCE ID = L0000191 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000192 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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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*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000197 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000200 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000201 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000202 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000203 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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02/24/20
*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 207
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000210 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000216 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000217 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000218 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
 HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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                                     PAGE 221
*** MODELOPTs:  RegDEFAULT CONC ELEV RURAL
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```
* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000221 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000222 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000224 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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 RURAL

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

SOURCE ID = L0000225 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

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

SOURCE ID = L0000226 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000227 ; SOURCE TYPE = VOLUME :

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

```

.0000E+00
 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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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR
-----
                DAY OF WEEK = WEEKDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  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 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000231 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000234 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000235 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000236 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000237 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000238 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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 HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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                PAGE 241
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000245 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000246 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000247 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000248 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000250 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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 RURAL

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

SOURCE ID = L0000251 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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: RegDEFAULT CONC ELEV RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000256 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000257 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000258 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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 RURAL

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

SOURCE ID = L0000258 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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 RURAL

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* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000265 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000266 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000267 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000268 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000269 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000270 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000271 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000272 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000275 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000276 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000277 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000278 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000281 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000282 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000284 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000285 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

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

SOURCE ID = L0000286 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
 HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                     PAGE 289
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL
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* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```


1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000289 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000290 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000292 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000293 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000294 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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 RURAL
* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000299 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000302 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000303 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000305 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000306 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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 HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

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

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SOURCE ID = L0000308 ; 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000310 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000311 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000312 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000315 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000316 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000317 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000318 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000319 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

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

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 = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

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 = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000323 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000324 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000326 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000327 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

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

SOURCE ID = L0000328 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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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*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL
* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000333 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000336 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000337 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000338 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000339 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000340 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

```

.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  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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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDEFAULT CONC ELEV RURAL

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

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
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
   9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  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 RURAL

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

SOURCE ID = L0000347 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000348 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000349 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000350 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000352 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000353 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                     PAGE 357
*** MODELOPTs:  RegDEFAULT CONC ELEV RURAL
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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
-----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000357 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000358 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000360 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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 RURAL

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

SOURCE ID = L0000361 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01
9 .6000E+01	10 .6000E+01	11 .6000E+01	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000362 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00

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 RURAL

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

SOURCE ID = L0000365 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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 RURAL

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

SOURCE ID = L0000366 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000367 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000370 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000371 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000372 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000373 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000374 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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02/24/20
*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 377
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000381 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000382 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000383 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000384 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000386 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000387 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

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

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 = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

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 = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000391 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000392 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000393 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HRDOW SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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 RURAL

* 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
 .6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000396 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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 RURAL

* 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	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.6000E+01
9	.6000E+01	10	.6000E+01	11	.6000E+01	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* 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
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000401 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

* 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
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
 9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000404 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000405 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000406 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.6000E+01
  9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8

```

```

.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR
-----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                PAGE 411
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

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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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16

.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000417 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000418 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000420 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000421 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000425 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000426 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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 .2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	
.2000E+01															
17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	
.2000E+01															
17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	
.2000E+01															
17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	
.2000E+01															
17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	
.2000E+01															
17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.2000E+01															
9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000438 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000439 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000440 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000441 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000442 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
  9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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                                           PAGE 445
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16

```

.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
   9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
  17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
   9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
  17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

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
.2000E+01
   9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
  17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
   9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
  17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.2000E+01
   9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
  17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* 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
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000451 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000452 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000453 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000454 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000455 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000456 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000457 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY							
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00
.2000E+01							
9 .2000E+01	10 .2000E+01	11 .2000E+01	12 .2000E+01	13 .2000E+01	14 .2000E+01	15 .2000E+01	16 .2000E+01
.2000E+01							
17 .2000E+01	18 .2000E+01	19 .2000E+01	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00
.0000E+00							

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000458 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY							
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00
9 .2000E+01	10 .2000E+01	11 .2000E+01	12 .2000E+01	13 .2000E+01	14 .2000E+01	15 .2000E+01	16 .2000E+01
17 .2000E+01	18 .2000E+01	19 .2000E+01	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000459 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000460 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000461 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000462 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000463 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
 .2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000464 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000465 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01

17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SATURDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01

17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SUNDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01

17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000466 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01

17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SATURDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01

17	.2000E+01	18	.2000E+01	19	.2000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SUNDAY

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

.2000E+01

9	.2000E+01	10	.2000E+01	11	.2000E+01	12	.2000E+01	13	.2000E+01	14	.2000E+01	15	.2000E+01	16	

.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000467 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000468 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000469 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .2000E+01

9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16 .2000E+01

17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000470 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000471 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
 9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
 17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000472 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000473 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000474 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000475 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000476 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000477 ; 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
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 479
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = L0000478 ; 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
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000479 ; 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
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000480 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000481 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000482 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000483 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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 *** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000484 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000485 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000486 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000487 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000488 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00

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 RURAL

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

SOURCE ID = L0000489 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000490 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000491 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
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 RURAL

SOURCE ID = L0000492 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000493 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000494 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000495 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000496 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000497 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000498 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000499 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

.4500E+01

9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	

.0000E+00

17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SATURDAY

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

.4500E+01

9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	

.0000E+00

17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SUNDAY

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

.0000E+00

9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	

.0000E+00

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 RURAL

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

SOURCE ID = L0000500 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

.4500E+01

9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	

.0000E+00

17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SATURDAY

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

.4500E+01

9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	

.0000E+00

17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	

.0000E+00

DAY OF WEEK = SUNDAY

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

.0000E+00

9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	

.0000E+00
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 RURAL

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

SOURCE ID = L0000501 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0000502 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000503 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000504 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000505 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000506 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000507 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000508 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000509 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000510 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000511 ; 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
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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 RURAL

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

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SOURCE ID = L0000512 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000513 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000514 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000515 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000516 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000517 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0000518 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000519 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000520 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000521 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000522 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000523 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000524 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

(HRDOW) *

SOURCE ID = L0000525 ; 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
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000526 ; 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
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000527 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000528 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000529 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000530 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00
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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 02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000531 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01
9 .4500E+01	10 .4500E+01	11 .4500E+01	12 .4500E+01	13 .4500E+01	14 .4500E+01	15 .4500E+01	16 .0000E+00
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000532 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000533 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000534 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4500E+01
9	.4500E+01	10	.4500E+01	11	.4500E+01	12	.4500E+01	13	.4500E+01	14	.4500E+01	15	.4500E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

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

.0000E+00
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 RURAL

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

SOURCE ID = L0000535 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

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

SOURCE ID = L0000536 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000537 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000538 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000539 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000540 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000541 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000542 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000543 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000544 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

```

.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                PAGE 546
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000545 ; 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
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
  9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
  9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
 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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                PAGE 547
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = L0000546 ; 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
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000547 ; 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
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000548 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000549 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16

```

.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
   9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  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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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000550 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
-----
                DAY OF WEEK = WEEKDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
   9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.4500E+01
   9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
  17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
   1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
   9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
  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 RURAL

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

SOURCE ID = L0000551 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0000552 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
 9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000553 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4500E+01

9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0000554 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.4500E+01
9 .4500E+01 10 .4500E+01 11 .4500E+01 12 .4500E+01 13 .4500E+01 14 .4500E+01 15 .4500E+01 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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02/24/20

*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000674 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000675 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000676 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000677 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01
13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01	17	.1500E+01	18	.1500E+01
19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000678 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000679 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01
11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01
16	.1500E+01	17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01
21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00	25	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000680 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000681 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000682 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000683 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000684 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000685 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000686 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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 02/24/20

*** AERMET - VERSION 14134 *** *** *** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000687 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000688 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***

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

SOURCE ID = L0000689 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000690 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000691 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000692 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000693 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000694 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000695 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000696 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000697 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8

```

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000698 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000699 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000700 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001020 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001021 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16

.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001022 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001023 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001024 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001025 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001026 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001027 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001028 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001029 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001030 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
 HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

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(HRDOW) *

SOURCE ID = L0001031 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0001032 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

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

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

SOURCE ID = L0001033 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001034 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001035 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001036 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .3000E+01
9 .3000E+01	10 .3000E+01	11 .3000E+01	12 .3000E+01	13 .3000E+01	14 .3000E+01	15 .3000E+01	16 .3000E+01
17 .3000E+01	18 .3000E+01	19 .3000E+01	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .3000E+01
9 .3000E+01	10 .3000E+01	11 .3000E+01	12 .3000E+01	13 .3000E+01	14 .3000E+01	15 .3000E+01	16 .3000E+01
17 .3000E+01	18 .3000E+01	19 .3000E+01	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001037 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .3000E+01
9 .3000E+01	10 .3000E+01	11 .3000E+01	12 .3000E+01	13 .3000E+01	14 .3000E+01	15 .3000E+01	16 .3000E+01
17 .3000E+01	18 .3000E+01	19 .3000E+01	20 .0000E+00	21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001038 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001039 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.3000E+01															
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	
.3000E+01															
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.3000E+01															
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	
.3000E+01															
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.0000E+00															
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	
.0000E+00															
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001040 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.3000E+01															
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	
.3000E+01															
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	
.3000E+01															
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	
.3000E+01															
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	
.0000E+00															

DAY OF WEEK = SUNDAY

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

.0000E+00
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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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001041 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001043 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001044 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001045 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001046 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001047 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001048 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001049 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001050 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

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

.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001051 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001052 ; 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
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001053 ; 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
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001054 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001055 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001056 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001057 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001059 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001060 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001061 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001062 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001063 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001064 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
 HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
 .0000E+00
 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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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

```
(HRDOW) *

SOURCE ID = L0001065 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.0000E+00
    9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
   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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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                                     PAGE 629
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .0000E+00  8
.3000E+01
    9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
   17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

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

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

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000851 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000852 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000853 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000854 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000855 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000856 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000857 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000858 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** 17:19:20

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

SOURCE ID = L0000859 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000860 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000861 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000862 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000863 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000864 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000865 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000866 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000867 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

```

.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000868 ; 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 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 649
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

```

SOURCE ID = L0000869 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000870 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000871 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20
*** AERMET - VERSION 14134 *** ***
PAGE 652
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000872 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000873 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000874 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000875 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000876 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000877 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000878 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000879 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000880 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000881 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01
13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01	17	.1500E+01	18	.1500E+01
19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

(HRDOW) *

SOURCE ID = L0000882 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000883 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
 DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000884 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000885 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000886 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000887 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000888 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000889 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000890 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000891 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000892 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000893 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000894 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000895 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000896 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000897 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000898 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000899 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000900 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000901 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
SOURCE ID = L0000902 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000903 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000904 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000905 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000906 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000907 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000908 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000909 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000910 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000911 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000912 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000913 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000914 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000915 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01
13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01	17	.1500E+01	18	.1500E+01
19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000916 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000917 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01
11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01
16	.1500E+01	17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01
21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00	25	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000918 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000919 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000920 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000921 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000922 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000923 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000924 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000925 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000926 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000927 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000928 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000929 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000930 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000931 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000932 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000933 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000934 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000935 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000936 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000937 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000938 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000939 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000940 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000941 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000942 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000943 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000944 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000945 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR 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 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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    *** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000946   ; SOURCE TYPE = VOLUME   :
    HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
    HOUR SCALAR HOUR SCALAR
-----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
    17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000947 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000948 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000949 ; SOURCE TYPE = VOLUME :

HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR	HRDOW	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.1500E+01	8	.1500E+01	9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01
13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01	17	.1500E+01	18	.1500E+01
19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000950 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0000951 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000952 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000953 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000954 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000955 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

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 02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000956 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

 DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01
 9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
 .1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000957 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000958 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000959 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000960 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20
*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000961 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000962 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000963 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000964 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000965 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000966 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000967 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000968 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000968 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

```

.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 750
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000970 ; 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 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
  9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
 17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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*** AERMET - VERSION 14134 *** ***                                     *** 17:19:20
                PAGE 751
*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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

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SOURCE ID = L0000971 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000972 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000973 ; SOURCE TYPE = VOLUME :

HRSCALAR HRSCALAR HRSCALAR HRSCALAR HRSCALAR HRSCALAR
HRSCALAR HRSCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000974 ; SOURCE TYPE = VOLUME :

HRSCALAR HRSCALAR HRSCALAR HRSCALAR HRSCALAR HRSCALAR
HRSCALAR HRSCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000975 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000976 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000977 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000978 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000979 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000980 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24

.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000981 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000982 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000983 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

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(HRDOW) *

SOURCE ID = L0000984 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
   17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
   17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
   17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
    *** AERMOD - VERSION 19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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    *** AERMET - VERSION 14134 ***   ***                                     *** 17:19:20
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    *** MODELOPTs:  RegDFAULT CONC ELEV RURAL
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000985 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
  HOUR SCALAR HOUR SCALAR
  -----
                DAY OF WEEK = WEEKDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
   17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SATURDAY
    1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6 .0000E+00  7 .1500E+01  8
.1500E+01
    9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
   17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
                DAY OF WEEK = SUNDAY
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000986 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000987 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000988 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000989 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000990 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01
9 .1500E+01	10 .1500E+01	11 .1500E+01	12 .1500E+01	13 .1500E+01	14 .1500E+01	15 .1500E+01	16 .1500E+01
17 .1500E+01	18 .1500E+01	19 .1500E+01	20 .1500E+01	21 .1500E+01	22 .1500E+01	23 .0000E+00	24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .1500E+01	8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000991 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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02/24/20

*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000992 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

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*** AERMET - VERSION 14134 *** *** *** 17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000993 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01
17	.1500E+01	18	.1500E+01	19	.1500E+01	20	.1500E+01	21	.1500E+01	22	.1500E+01	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1500E+01	8	.1500E+01
9	.1500E+01	10	.1500E+01	11	.1500E+01	12	.1500E+01	13	.1500E+01	14	.1500E+01	15	.1500E+01	16	.1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00
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02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** 17:19:20

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

SOURCE ID = L0000994 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000995 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000996 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0000997 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000998 ; SOURCE TYPE = VOLUME :

HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR HRDOW SCALAR
HRDOW SCALAR HRDOW SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0000999 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001000 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001001 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001002 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001003 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8

.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001004 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = L0001005 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001006 ; 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 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001007 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001008 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8 .1500E+01

9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16 .1500E+01

.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1500E+01 8
.1500E+01
9 .1500E+01 10 .1500E+01 11 .1500E+01 12 .1500E+01 13 .1500E+01 14 .1500E+01 15 .1500E+01 16
.1500E+01
17 .1500E+01 18 .1500E+01 19 .1500E+01 20 .1500E+01 21 .1500E+01 22 .1500E+01 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

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

SOURCE ID = L0001066 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001067 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001068 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001069 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .3000E+01

9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16 .3000E+01

17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 RURAL

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

SOURCE ID = L0001070 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001071 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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

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

SOURCE ID = L0001072 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001073 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.3000E+01
9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
.3000E+01
17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001074 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
 .3000E+01
 9 .3000E+01 10 .3000E+01 11 .3000E+01 12 .3000E+01 13 .3000E+01 14 .3000E+01 15 .3000E+01 16
 .3000E+01
 17 .3000E+01 18 .3000E+01 19 .3000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
 .0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.3000E+01
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	.3000E+01
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

SOURCE ID = L0001076 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 HOUR SCALAR HOUR SCALAR

DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.3000E+01
9	.3000E+01	10	.3000E+01	11	.3000E+01	12	.3000E+01	13	.3000E+01	14	.3000E+01	15	.3000E+01	16	.3000E+01
17	.3000E+01	18	.3000E+01	19	.3000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.2000E+01
9 .2000E+01 10 .2000E+01 11 .2000E+01 12 .2000E+01 13 .2000E+01 14 .2000E+01 15 .2000E+01 16
.2000E+01
17 .2000E+01 18 .2000E+01 19 .2000E+01 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
HR SCALAR HR SCALAR

DAY OF WEEK = WEEKDAY

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

.6000E+01

9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24
.0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8
.6000E+01
9 .6000E+01 10 .6000E+01 11 .6000E+01 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16
.0000E+00
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 RURAL

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)

(METERS)

(668148.8, 4340781.0,	792.4,	818.8,	0.0);	(668370.1, 4340781.0,	812.2,	812.2,	0.0);
(668591.4, 4340781.0,	816.1,	816.1,	0.0);	(668812.7, 4340781.0,	810.2,	879.1,	0.0);
(669034.0, 4340781.0,	817.7,	879.1,	0.0);	(669255.3, 4340781.0,	827.2,	864.3,	0.0);
(669476.7, 4340781.0,	821.2,	821.2,	0.0);	(669698.0, 4340781.0,	829.6,	861.2,	0.0);
(669919.3, 4340781.0,	851.1,	856.7,	0.0);	(670140.6, 4340781.0,	862.2,	862.2,	0.0);
(670361.9, 4340781.0,	867.3,	867.3,	0.0);	(670583.2, 4340781.0,	877.8,	877.8,	0.0);
(670804.5, 4340781.0,	879.2,	879.2,	0.0);	(671025.8, 4340781.0,	886.8,	886.8,	0.0);
(671247.1, 4340781.0,	893.9,	893.9,	0.0);	(671468.4, 4340781.0,	887.8,	897.3,	0.0);
(671689.8, 4340781.0,	881.4,	886.1,	0.0);	(671911.1, 4340781.0,	882.5,	905.8,	0.0);
(672132.4, 4340781.0,	899.3,	899.3,	0.0);	(672353.7, 4340781.0,	877.9,	905.8,	0.0);
(672575.0, 4340781.0,	860.0,	913.3,	0.0);	(668148.8, 4340946.0,	771.6,	818.8,	0.0);
(668370.1, 4340946.0,	793.4,	817.8,	0.0);	(668591.4, 4340946.0,	800.9,	864.3,	0.0);
(668812.7, 4340946.0,	799.9,	878.8,	0.0);	(669034.0, 4340946.0,	819.9,	864.3,	0.0);
(669255.3, 4340946.0,	823.7,	823.7,	0.0);	(669476.7, 4340946.0,	816.8,	855.8,	0.0);
(669698.0, 4340946.0,	841.2,	854.2,	0.0);	(669919.3, 4340946.0,	858.8,	858.8,	0.0);
(670140.6, 4340946.0,	854.7,	863.3,	0.0);	(670361.9, 4340946.0,	862.8,	867.1,	0.0);
(670583.2, 4340946.0,	867.5,	867.5,	0.0);	(670804.5, 4340946.0,	878.9,	878.9,	0.0);
(671025.8, 4340946.0,	888.3,	888.3,	0.0);	(671247.1, 4340946.0,	898.2,	898.2,	0.0);
(671468.4, 4340946.0,	897.9,	897.9,	0.0);	(671689.8, 4340946.0,	876.9,	898.4,	0.0);
(671911.1, 4340946.0,	872.7,	908.7,	0.0);	(672132.4, 4340946.0,	905.3,	905.3,	0.0);
(672353.7, 4340946.0,	884.7,	912.4,	0.0);	(672575.0, 4340946.0,	858.5,	913.3,	0.0);
(668148.8, 4341111.0,	773.6,	773.6,	0.0);	(668370.1, 4341111.0,	775.2,	864.3,	0.0);
(668591.4, 4341111.0,	799.1,	806.0,	0.0);	(668812.7, 4341111.0,	803.3,	863.9,	0.0);
(669034.0, 4341111.0,	812.7,	838.8,	0.0);	(669255.3, 4341111.0,	806.5,	838.8,	0.0);
(669476.7, 4341111.0,	820.8,	849.9,	0.0);	(669698.0, 4341111.0,	843.0,	845.2,	0.0);
(669919.3, 4341111.0,	839.2,	872.4,	0.0);	(670140.6, 4341111.0,	859.6,	859.6,	0.0);

(670361.9, 4341111.0, 866.2, 866.2, 0.0);	(670583.2, 4341111.0, 875.9, 875.9, 0.0);
(670804.5, 4341111.0, 887.8, 887.8, 0.0);	(671025.8, 4341111.0, 896.7, 896.7, 0.0);
(671247.1, 4341111.0, 894.4, 894.4, 0.0);	(671468.4, 4341111.0, 897.4, 897.4, 0.0);
(671689.8, 4341111.0, 868.6, 898.7, 0.0);	(671911.1, 4341111.0, 870.6, 913.3, 0.0);
(672132.4, 4341111.0, 904.8, 904.8, 0.0);	(672353.7, 4341111.0, 899.8, 912.9, 0.0);
(672575.0, 4341111.0, 861.4, 913.3, 0.0);	(668148.8, 4341275.9, 781.3, 781.3, 0.0);
(668370.1, 4341275.9, 786.8, 786.8, 0.0);	(668591.4, 4341275.9, 802.3, 808.3, 0.0);
(668812.7, 4341275.9, 817.5, 838.4, 0.0);	(669034.0, 4341275.9, 838.2, 838.2, 0.0);
(669255.3, 4341275.9, 830.0, 830.8, 0.0);	(669476.7, 4341275.9, 823.0, 823.0, 0.0);
(669698.0, 4341275.9, 829.8, 867.5, 0.0);	(669919.3, 4341275.9, 854.3, 860.8, 0.0);
(670140.6, 4341275.9, 869.0, 869.0, 0.0);	(670361.9, 4341275.9, 873.7, 873.7, 0.0);
(670583.2, 4341275.9, 886.3, 886.3, 0.0);	(670804.5, 4341275.9, 890.4, 890.4, 0.0);
(671025.8, 4341275.9, 897.8, 897.8, 0.0);	(671247.1, 4341275.9, 886.3, 900.4, 0.0);
(671468.4, 4341275.9, 869.3, 899.5, 0.0);	(671689.8, 4341275.9, 861.1, 898.5, 0.0);
(671911.1, 4341275.9, 864.3, 913.3, 0.0);	(672132.4, 4341275.9, 898.4, 911.8, 0.0);
(672353.7, 4341275.9, 909.8, 913.2, 0.0);	(672575.0, 4341275.9, 861.9, 913.3, 0.0);
(668148.8, 4341440.9, 780.2, 825.2, 0.0);	(668370.1, 4341440.9, 792.8, 825.2, 0.0);
(668591.4, 4341440.9, 804.4, 824.4, 0.0);	(668812.7, 4341440.9, 825.4, 825.4, 0.0);
(669034.0, 4341440.9, 835.6, 835.6, 0.0);	(669255.3, 4341440.9, 823.4, 823.4, 0.0);

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(669476.7, 4341440.9, 827.2, 827.2, 0.0);	(669698.0, 4341440.9, 837.6, 866.6, 0.0);
(669919.3, 4341440.9, 861.3, 861.3, 0.0);	(670140.6, 4341440.9, 872.7, 872.7, 0.0);
(670361.9, 4341440.9, 877.5, 877.5, 0.0);	(670583.2, 4341440.9, 887.6, 887.6, 0.0);
(670804.5, 4341440.9, 882.6, 882.6, 0.0);	(671025.8, 4341440.9, 891.3, 891.3, 0.0);
(671689.8, 4341440.9, 843.7, 913.3, 0.0);	(671911.1, 4341440.9, 863.1, 913.3, 0.0);
(672132.4, 4341440.9, 894.8, 909.5, 0.0);	(672353.7, 4341440.9, 888.5, 913.3, 0.0);
(672575.0, 4341440.9, 844.3, 913.3, 0.0);	(668148.8, 4341605.8, 801.3, 801.3, 0.0);
(668370.1, 4341605.8, 809.8, 825.2, 0.0);	(668591.4, 4341605.8, 815.9, 815.9, 0.0);
(668812.7, 4341605.8, 821.4, 821.4, 0.0);	(669034.0, 4341605.8, 822.8, 837.3, 0.0);
(669255.3, 4341605.8, 824.9, 824.9, 0.0);	(669476.7, 4341605.8, 831.6, 881.0, 0.0);
(669698.0, 4341605.8, 842.9, 881.7, 0.0);	(669919.3, 4341605.8, 865.3, 865.3, 0.0);
(670140.6, 4341605.8, 870.7, 870.7, 0.0);	(670361.9, 4341605.8, 880.5, 880.5, 0.0);
(670583.2, 4341605.8, 884.3, 884.3, 0.0);	(670804.5, 4341605.8, 871.3, 890.0, 0.0);
(671025.8, 4341605.8, 878.3, 878.3, 0.0);	(671689.8, 4341605.8, 840.9, 913.3, 0.0);
(671911.1, 4341605.8, 857.2, 913.3, 0.0);	(672132.4, 4341605.8, 874.8, 913.1, 0.0);
(672353.7, 4341605.8, 877.8, 913.3, 0.0);	(672575.0, 4341605.8, 841.0, 913.3, 0.0);
(668148.8, 4341770.8, 786.2, 825.2, 0.0);	(668370.1, 4341770.8, 813.3, 825.2, 0.0);
(668591.4, 4341770.8, 802.8, 825.2, 0.0);	(668812.7, 4341770.8, 811.0, 811.0, 0.0);
(669034.0, 4341770.8, 822.5, 822.5, 0.0);	(669255.3, 4341770.8, 836.3, 836.3, 0.0);
(669476.7, 4341770.8, 844.6, 879.2, 0.0);	(669698.0, 4341770.8, 858.4, 881.1, 0.0);
(669919.3, 4341770.8, 869.0, 869.0, 0.0);	(670140.6, 4341770.8, 874.6, 874.6, 0.0);
(670361.9, 4341770.8, 884.5, 884.5, 0.0);	(670583.2, 4341770.8, 875.0, 875.0, 0.0);
(670804.5, 4341770.8, 857.0, 891.1, 0.0);	(671025.8, 4341770.8, 852.1, 896.6, 0.0);
(671689.8, 4341770.8, 859.3, 892.7, 0.0);	(671911.1, 4341770.8, 857.5, 912.3, 0.0);
(672132.4, 4341770.8, 887.3, 912.1, 0.0);	(672353.7, 4341770.8, 900.1, 912.1, 0.0);
(672575.0, 4341770.8, 840.8, 913.3, 0.0);	(668148.8, 4341935.8, 764.3, 825.2, 0.0);

(668370.1, 4341935.8, 782.7, 825.2, 0.0);	(668591.4, 4341935.8, 801.9, 819.0, 0.0);
(668812.7, 4341935.8, 816.8, 824.6, 0.0);	(669034.0, 4341935.8, 830.3, 830.3, 0.0);
(669255.3, 4341935.8, 845.1, 848.7, 0.0);	(669476.7, 4341935.8, 857.8, 857.8, 0.0);
(669698.0, 4341935.8, 872.3, 872.5, 0.0);	(669919.3, 4341935.8, 882.0, 882.0, 0.0);
(670140.6, 4341935.8, 883.1, 883.1, 0.0);	(670361.9, 4341935.8, 879.9, 885.2, 0.0);
(670583.2, 4341935.8, 862.8, 886.5, 0.0);	(670804.5, 4341935.8, 827.9, 898.5, 0.0);
(671468.4, 4341935.8, 866.6, 892.8, 0.0);	(671689.8, 4341935.8, 868.5, 892.8, 0.0);
(671911.1, 4341935.8, 865.1, 912.1, 0.0);	(672132.4, 4341935.8, 891.6, 909.0, 0.0);
(672353.7, 4341935.8, 909.2, 909.2, 0.0);	(672575.0, 4341935.8, 855.8, 912.3, 0.0);
(668148.8, 4342100.7, 770.9, 825.2, 0.0);	(668370.1, 4342100.7, 796.4, 812.4, 0.0);
(668591.4, 4342100.7, 815.9, 815.9, 0.0);	(668812.7, 4342100.7, 818.7, 818.7, 0.0);
(669034.0, 4342100.7, 831.5, 831.5, 0.0);	(669255.3, 4342100.7, 841.7, 848.8, 0.0);
(669476.7, 4342100.7, 855.3, 860.3, 0.0);	(669698.0, 4342100.7, 864.3, 877.8, 0.0);
(669919.3, 4342100.7, 867.8, 886.5, 0.0);	(670140.6, 4342100.7, 875.5, 880.9, 0.0);
(670361.9, 4342100.7, 852.5, 886.5, 0.0);	(670583.2, 4342100.7, 819.4, 889.2, 0.0);
(671468.4, 4342100.7, 884.9, 885.8, 0.0);	(671689.8, 4342100.7, 879.5, 892.8, 0.0);
(671911.1, 4342100.7, 869.0, 869.0, 0.0);	(672132.4, 4342100.7, 880.6, 912.1, 0.0);
(672353.7, 4342100.7, 897.6, 911.7, 0.0);	(672575.0, 4342100.7, 858.5, 912.3, 0.0);
(668148.8, 4342265.7, 776.1, 806.2, 0.0);	(668370.1, 4342265.7, 799.3, 799.3, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(668591.4, 4342265.7, 785.7, 831.2, 0.0);	(668812.7, 4342265.7, 793.0, 850.7, 0.0);
(669034.0, 4342265.7, 798.6, 878.0, 0.0);	(669255.3, 4342265.7, 815.5, 880.4, 0.0);
(669476.7, 4342265.7, 823.7, 885.2, 0.0);	(669698.0, 4342265.7, 842.2, 884.4, 0.0);
(669919.3, 4342265.7, 841.1, 886.5, 0.0);	(670140.6, 4342265.7, 845.7, 886.5, 0.0);
(670361.9, 4342265.7, 825.4, 889.2, 0.0);	(670583.2, 4342265.7, 820.6, 889.2, 0.0);
(670804.5, 4342265.7, 829.2, 892.0, 0.0);	(671025.8, 4342265.7, 860.1, 867.0, 0.0);
(671247.1, 4342265.7, 857.9, 898.1, 0.0);	(671468.4, 4342265.7, 879.4, 885.0, 0.0);
(671689.8, 4342265.7, 876.5, 876.5, 0.0);	(671911.1, 4342265.7, 874.7, 874.7, 0.0);
(672132.4, 4342265.7, 868.8, 915.8, 0.0);	(672353.7, 4342265.7, 871.9, 912.3, 0.0);
(672575.0, 4342265.7, 841.1, 965.4, 0.0);	(668148.8, 4342430.6, 743.8, 825.2, 0.0);
(668370.1, 4342430.6, 773.7, 819.0, 0.0);	(668591.4, 4342430.6, 755.8, 873.9, 0.0);
(668812.7, 4342430.6, 756.1, 885.5, 0.0);	(669034.0, 4342430.6, 760.0, 886.5, 0.0);
(669255.3, 4342430.6, 770.3, 886.5, 0.0);	(669476.7, 4342430.6, 796.7, 886.5, 0.0);
(669698.0, 4342430.6, 800.1, 886.5, 0.0);	(669919.3, 4342430.6, 810.5, 886.5, 0.0);
(670140.6, 4342430.6, 808.1, 889.2, 0.0);	(670361.9, 4342430.6, 813.6, 900.1, 0.0);
(670583.2, 4342430.6, 847.6, 889.2, 0.0);	(670804.5, 4342430.6, 847.7, 889.2, 0.0);
(671025.8, 4342430.6, 851.4, 896.7, 0.0);	(671247.1, 4342430.6, 881.8, 890.8, 0.0);
(671468.4, 4342430.6, 884.8, 884.8, 0.0);	(671689.8, 4342430.6, 884.1, 911.2, 0.0);
(671911.1, 4342430.6, 880.0, 919.3, 0.0);	(672132.4, 4342430.6, 869.4, 936.9, 0.0);
(672353.7, 4342430.6, 847.3, 965.4, 0.0);	(672575.0, 4342430.6, 829.4, 967.2, 0.0);
(668148.8, 4342595.6, 750.5, 818.4, 0.0);	(668370.1, 4342595.6, 747.9, 833.3, 0.0);
(668591.4, 4342595.6, 750.9, 868.6, 0.0);	(668812.7, 4342595.6, 756.2, 882.1, 0.0);
(669034.0, 4342595.6, 761.8, 886.5, 0.0);	(669255.3, 4342595.6, 772.5, 886.5, 0.0);
(669476.7, 4342595.6, 771.4, 886.5, 0.0);	(669698.0, 4342595.6, 799.1, 886.5, 0.0);
(669919.3, 4342595.6, 793.6, 889.2, 0.0);	(670140.6, 4342595.6, 816.4, 889.2, 0.0);
(670361.9, 4342595.6, 835.2, 889.2, 0.0);	(670583.2, 4342595.6, 870.5, 889.2, 0.0);

(670804.5, 4342595.6, 863.8, 889.2, 0.0);	(671025.8, 4342595.6, 854.5, 913.4, 0.0);
(671247.1, 4342595.6, 868.2, 914.5, 0.0);	(671468.4, 4342595.6, 895.7, 898.0, 0.0);
(671689.8, 4342595.6, 904.3, 904.3, 0.0);	(671911.1, 4342595.6, 900.5, 916.5, 0.0);
(672132.4, 4342595.6, 880.5, 940.6, 0.0);	(672353.7, 4342595.6, 852.6, 965.4, 0.0);
(672575.0, 4342595.6, 839.1, 967.2, 0.0);	(668148.8, 4342760.6, 765.3, 765.3, 0.0);
(668370.1, 4342760.6, 772.1, 776.8, 0.0);	(668591.4, 4342760.6, 760.7, 787.9, 0.0);
(668812.7, 4342760.6, 768.4, 796.3, 0.0);	(669034.0, 4342760.6, 784.1, 797.1, 0.0);
(669255.3, 4342760.6, 791.1, 791.1, 0.0);	(669476.7, 4342760.6, 782.3, 886.5, 0.0);
(669698.0, 4342760.6, 826.2, 850.2, 0.0);	(669919.3, 4342760.6, 824.9, 867.2, 0.0);
(670140.6, 4342760.6, 852.1, 867.2, 0.0);	(670361.9, 4342760.6, 855.9, 889.2, 0.0);
(670583.2, 4342760.6, 875.3, 889.2, 0.0);	(670804.5, 4342760.6, 870.4, 899.5, 0.0);
(671025.8, 4342760.6, 870.1, 903.1, 0.0);	(671247.1, 4342760.6, 888.9, 903.4, 0.0);
(671468.4, 4342760.6, 898.7, 907.9, 0.0);	(671689.8, 4342760.6, 902.3, 910.5, 0.0);
(671911.1, 4342760.6, 913.9, 913.9, 0.0);	(672132.4, 4342760.6, 893.8, 940.6, 0.0);
(672353.7, 4342760.6, 859.9, 965.7, 0.0);	(672575.0, 4342760.6, 852.0, 967.2, 0.0);
(668148.8, 4342925.5, 766.3, 772.9, 0.0);	(668370.1, 4342925.5, 769.6, 784.2, 0.0);
(668591.4, 4342925.5, 780.2, 787.9, 0.0);	(668812.7, 4342925.5, 775.0, 787.6, 0.0);
(669034.0, 4342925.5, 780.0, 797.3, 0.0);	(669476.7, 4342925.5, 791.9, 862.6, 0.0);
(669698.0, 4342925.5, 832.3, 849.8, 0.0);	(669919.3, 4342925.5, 850.1, 850.1, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(670140.6, 4342925.5, 861.5, 861.5, 0.0);	(670361.9, 4342925.5, 865.9, 865.9, 0.0);
(670583.2, 4342925.5, 853.0, 904.6, 0.0);	(670804.5, 4342925.5, 861.0, 907.1, 0.0);
(671025.8, 4342925.5, 897.1, 897.1, 0.0);	(671247.1, 4342925.5, 892.2, 910.9, 0.0);
(671468.4, 4342925.5, 910.8, 910.8, 0.0);	(671689.8, 4342925.5, 911.7, 911.7, 0.0);
(671911.1, 4342925.5, 918.6, 918.6, 0.0);	(672132.4, 4342925.5, 922.7, 935.8, 0.0);
(672353.7, 4342925.5, 883.7, 959.2, 0.0);	(672575.0, 4342925.5, 863.6, 967.2, 0.0);
(668148.8, 4343090.5, 741.1, 803.5, 0.0);	(668370.1, 4343090.5, 748.8, 803.5, 0.0);
(668591.4, 4343090.5, 778.7, 787.4, 0.0);	(669476.7, 4343090.5, 784.7, 866.9, 0.0);
(669698.0, 4343090.5, 803.9, 867.1, 0.0);	(669919.3, 4343090.5, 825.1, 867.0, 0.0);
(670140.6, 4343090.5, 849.4, 860.5, 0.0);	(670361.9, 4343090.5, 834.2, 905.8, 0.0);
(670583.2, 4343090.5, 822.5, 922.2, 0.0);	(670804.5, 4343090.5, 852.6, 912.2, 0.0);
(671025.8, 4343090.5, 903.2, 903.2, 0.0);	(671247.1, 4343090.5, 898.7, 903.0, 0.0);
(671468.4, 4343090.5, 914.5, 914.5, 0.0);	(671689.8, 4343090.5, 921.2, 921.2, 0.0);
(671911.1, 4343090.5, 925.9, 925.9, 0.0);	(672132.4, 4343090.5, 925.7, 935.3, 0.0);
(672353.7, 4343090.5, 933.5, 940.6, 0.0);	(672575.0, 4343090.5, 902.2, 962.9, 0.0);
(668148.8, 4343255.4, 743.4, 803.5, 0.0);	(668370.1, 4343255.4, 748.5, 805.6, 0.0);
(668591.4, 4343255.4, 761.9, 787.7, 0.0);	(669476.7, 4343255.4, 799.8, 802.9, 0.0);
(669698.0, 4343255.4, 805.7, 861.6, 0.0);	(669919.3, 4343255.4, 819.6, 863.7, 0.0);
(670140.6, 4343255.4, 825.6, 867.3, 0.0);	(670361.9, 4343255.4, 816.4, 910.6, 0.0);
(670583.2, 4343255.4, 806.2, 939.9, 0.0);	(670804.5, 4343255.4, 833.3, 935.2, 0.0);
(671025.8, 4343255.4, 904.1, 904.9, 0.0);	(671247.1, 4343255.4, 908.0, 908.0, 0.0);
(671468.4, 4343255.4, 912.6, 912.6, 0.0);	(671689.8, 4343255.4, 928.2, 928.2, 0.0);
(671911.1, 4343255.4, 934.3, 939.9, 0.0);	(672132.4, 4343255.4, 933.5, 933.5, 0.0);
(672353.7, 4343255.4, 933.5, 933.5, 0.0);	(672575.0, 4343255.4, 944.9, 944.9, 0.0);
(668148.8, 4343420.4, 764.0, 803.5, 0.0);	(668370.1, 4343420.4, 760.2, 812.8, 0.0);
(668591.4, 4343420.4, 752.9, 819.8, 0.0);	(668812.7, 4343420.4, 762.2, 819.8, 0.0);

(669034.0, 4343420.4, 762.3, 825.5, 0.0);	(669255.3, 4343420.4, 764.7, 853.5, 0.0);
(669476.7, 4343420.4, 769.9, 867.0, 0.0);	(669698.0, 4343420.4, 810.1, 830.6, 0.0);
(669919.3, 4343420.4, 810.2, 830.6, 0.0);	(670140.6, 4343420.4, 794.9, 910.0, 0.0);
(670361.9, 4343420.4, 798.5, 929.0, 0.0);	(670583.2, 4343420.4, 800.1, 942.5, 0.0);
(670804.5, 4343420.4, 833.8, 936.0, 0.0);	(671025.8, 4343420.4, 872.4, 922.6, 0.0);
(671247.1, 4343420.4, 889.5, 926.7, 0.0);	(671468.4, 4343420.4, 919.4, 919.4, 0.0);
(671689.8, 4343420.4, 929.5, 929.5, 0.0);	(671911.1, 4343420.4, 940.1, 940.1, 0.0);
(672132.4, 4343420.4, 944.7, 944.7, 0.0);	(672353.7, 4343420.4, 946.6, 946.6, 0.0);
(672575.0, 4343420.4, 950.6, 950.6, 0.0);	(668148.8, 4343585.4, 789.7, 803.5, 0.0);
(668370.1, 4343585.4, 786.1, 803.5, 0.0);	(668591.4, 4343585.4, 763.3, 819.8, 0.0);
(668812.7, 4343585.4, 776.6, 819.8, 0.0);	(669034.0, 4343585.4, 785.5, 819.8, 0.0);
(669255.3, 4343585.4, 785.4, 825.5, 0.0);	(669476.7, 4343585.4, 785.1, 830.5, 0.0);
(669698.0, 4343585.4, 774.8, 867.2, 0.0);	(669919.3, 4343585.4, 780.7, 908.1, 0.0);
(670140.6, 4343585.4, 786.2, 921.5, 0.0);	(670361.9, 4343585.4, 791.7, 934.6, 0.0);
(670583.2, 4343585.4, 801.1, 942.2, 0.0);	(670804.5, 4343585.4, 816.4, 944.0, 0.0);
(671025.8, 4343585.4, 834.5, 945.2, 0.0);	(671247.1, 4343585.4, 887.1, 928.0, 0.0);
(671468.4, 4343585.4, 905.1, 930.2, 0.0);	(671689.8, 4343585.4, 912.3, 940.9, 0.0);
(671911.1, 4343585.4, 931.5, 940.6, 0.0);	(672132.4, 4343585.4, 937.8, 947.4, 0.0);
(672353.7, 4343585.4, 948.6, 948.6, 0.0);	(672575.0, 4343585.4, 950.5, 950.5, 0.0);

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(668148.8, 4343750.3, 786.8, 803.1, 0.0);	(668370.1, 4343750.3, 801.6, 801.6, 0.0);
(668591.4, 4343750.3, 794.1, 815.5, 0.0);	(668812.7, 4343750.3, 786.5, 823.7, 0.0);
(669034.0, 4343750.3, 812.4, 819.2, 0.0);	(669255.3, 4343750.3, 808.3, 812.6, 0.0);
(669476.7, 4343750.3, 790.8, 825.5, 0.0);	(669698.0, 4343750.3, 783.8, 830.6, 0.0);
(669919.3, 4343750.3, 782.5, 905.4, 0.0);	(670140.6, 4343750.3, 788.5, 919.3, 0.0);
(670361.9, 4343750.3, 801.3, 923.0, 0.0);	(670583.2, 4343750.3, 799.0, 942.1, 0.0);
(670804.5, 4343750.3, 803.8, 948.3, 0.0);	(671025.8, 4343750.3, 815.1, 949.3, 0.0);
(671247.1, 4343750.3, 848.7, 948.0, 0.0);	(671468.4, 4343750.3, 851.8, 949.8, 0.0);
(671689.8, 4343750.3, 855.9, 953.3, 0.0);	(671911.1, 4343750.3, 885.5, 949.8, 0.0);
(672132.4, 4343750.3, 912.7, 949.8, 0.0);	(672353.7, 4343750.3, 938.4, 941.5, 0.0);
(672575.0, 4343750.3, 940.9, 940.9, 0.0);	(668148.8, 4343915.3, 777.1, 871.5, 0.0);
(668370.1, 4343915.3, 798.6, 798.6, 0.0);	(668591.4, 4343915.3, 810.4, 810.4, 0.0);
(668812.7, 4343915.3, 806.2, 806.2, 0.0);	(669034.0, 4343915.3, 818.5, 818.5, 0.0);
(669255.3, 4343915.3, 820.4, 820.4, 0.0);	(669476.7, 4343915.3, 807.4, 825.5, 0.0);
(669698.0, 4343915.3, 789.9, 812.4, 0.0);	(669919.3, 4343915.3, 786.1, 919.1, 0.0);
(670140.6, 4343915.3, 795.6, 925.7, 0.0);	(670361.9, 4343915.3, 798.9, 926.0, 0.0);
(670583.2, 4343915.3, 806.5, 934.6, 0.0);	(670804.5, 4343915.3, 812.0, 943.2, 0.0);
(671025.8, 4343915.3, 828.1, 944.5, 0.0);	(671247.1, 4343915.3, 817.8, 949.8, 0.0);
(671468.4, 4343915.3, 853.2, 949.3, 0.0);	(671689.8, 4343915.3, 871.7, 949.8, 0.0);
(671911.1, 4343915.3, 889.9, 949.8, 0.0);	(672132.4, 4343915.3, 893.1, 952.0, 0.0);
(672353.7, 4343915.3, 903.7, 961.6, 0.0);	(672575.0, 4343915.3, 915.1, 967.2, 0.0);
(668148.8, 4344080.2, 785.0, 872.9, 0.0);	(668370.1, 4344080.2, 792.3, 872.9, 0.0);
(668591.4, 4344080.2, 806.6, 806.6, 0.0);	(668812.7, 4344080.2, 815.8, 815.8, 0.0);
(669034.0, 4344080.2, 823.2, 823.2, 0.0);	(669255.3, 4344080.2, 826.0, 826.0, 0.0);
(669476.7, 4344080.2, 803.8, 826.2, 0.0);	(669698.0, 4344080.2, 795.2, 806.9, 0.0);
(669919.3, 4344080.2, 796.7, 920.9, 0.0);	(670140.6, 4344080.2, 819.0, 910.2, 0.0);

(670361.9, 4344080.2, 799.2, 926.0, 0.0);	(670583.2, 4344080.2, 808.7, 926.0, 0.0);
(670804.5, 4344080.2, 828.3, 926.0, 0.0);	(671025.8, 4344080.2, 854.2, 873.4, 0.0);
(671247.1, 4344080.2, 830.0, 948.9, 0.0);	(671468.4, 4344080.2, 833.9, 953.5, 0.0);
(671689.8, 4344080.2, 886.4, 936.8, 0.0);	(671911.1, 4344080.2, 916.5, 929.3, 0.0);
(672132.4, 4344080.2, 930.1, 935.6, 0.0);	(672353.7, 4344080.2, 927.0, 942.0, 0.0);
(672575.0, 4344080.2, 935.8, 935.8, 0.0);	(671464.7, 4342094.3, 883.6, 887.1, 0.0);
(671482.2, 4342063.9, 880.9, 892.8, 0.0);	(671498.6, 4342030.0, 879.2, 892.8, 0.0);
(671513.8, 4341991.5, 876.3, 892.8, 0.0);	(671541.8, 4341964.7, 874.9, 892.8, 0.0);
(671575.6, 4341974.0, 878.6, 892.8, 0.0);	(671460.8, 4342163.0, 886.6, 886.6, 0.0);
(671451.0, 4342187.3, 886.1, 886.1, 0.0);	(671510.7, 4342219.7, 884.2, 884.2, 0.0);
(671524.1, 4342192.8, 886.2, 890.0, 0.0);	(671522.9, 4342250.7, 881.8, 881.8, 0.0);
(671599.1, 4342252.6, 880.6, 891.2, 0.0);	(671627.8, 4342256.8, 879.2, 891.0, 0.0);
(671583.9, 4342116.0, 892.2, 892.2, 0.0);	(671595.5, 4342071.5, 891.5, 891.5, 0.0);
(671663.1, 4342056.3, 882.7, 892.8, 0.0);	(671600.9, 4342030.1, 885.7, 892.7, 0.0);
(671526.6, 4342155.6, 889.6, 889.6, 0.0);	(671629.0, 4342292.2, 877.9, 877.9, 0.0);
(671641.8, 4341980.7, 877.9, 892.8, 0.0);	(671666.8, 4342018.5, 879.5, 892.8, 0.0);
(671407.1, 4342219.7, 881.4, 885.7, 0.0);	(671415.6, 4342183.1, 882.2, 886.5, 0.0);
(671635.1, 4341706.4, 854.3, 892.1, 0.0);	(671693.6, 4341710.1, 852.8, 892.7, 0.0);
(671719.8, 4341736.3, 852.7, 892.8, 0.0);	(671673.5, 4341630.2, 845.7, 909.8, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(671888.0, 4341936.2, 863.5, 912.1, 0.0);	(671977.6, 4341952.1, 870.5, 912.1, 0.0);
(672039.2, 4341894.8, 879.2, 912.1, 0.0);	(671858.2, 4341754.0, 850.6, 912.3, 0.0);
(671922.8, 4341634.5, 858.1, 913.3, 0.0);	(671613.7, 4341791.1, 861.3, 892.8, 0.0);
(671853.3, 4341730.8, 850.6, 912.3, 0.0);	(671783.8, 4341585.7, 845.5, 913.3, 0.0);
(671783.2, 4341546.7, 845.6, 913.3, 0.0);	(671769.2, 4341461.4, 845.8, 913.3, 0.0);
(671800.9, 4341420.5, 849.1, 913.3, 0.0);	(671880.1, 4341427.2, 859.5, 913.3, 0.0);
(672012.4, 4341504.7, 883.2, 904.3, 0.0);	(672084.3, 4341547.9, 878.6, 912.6, 0.0);
(671915.5, 4341478.5, 863.1, 913.3, 0.0);	(671903.3, 4341564.4, 857.9, 913.3, 0.0);
(671863.1, 4341522.3, 854.3, 913.3, 0.0);	(671830.1, 4341336.4, 852.4, 913.3, 0.0);
(671835.6, 4341287.7, 853.6, 913.3, 0.0);	(671825.9, 4341275.5, 853.6, 913.3, 0.0);
(672136.7, 4341370.6, 901.4, 903.1, 0.0);	(671920.3, 4341307.2, 867.6, 913.3, 0.0);
(671695.4, 4341257.2, 862.5, 898.4, 0.0);	(671682.0, 4341176.1, 869.8, 898.3, 0.0);
(671991.7, 4341196.2, 868.5, 913.3, 0.0);	(672022.1, 4341231.6, 872.8, 913.3, 0.0);
(671992.3, 4341178.0, 873.8, 913.3, 0.0);	(671540.6, 4341238.3, 885.4, 897.7, 0.0);
(671575.3, 4341178.0, 892.2, 892.2, 0.0);	(671454.7, 4341196.2, 888.2, 898.3, 0.0);
(671523.5, 4341116.4, 896.2, 896.2, 0.0);	(671413.2, 4341126.7, 890.7, 898.3, 0.0);
(671471.1, 4341064.6, 897.7, 897.7, 0.0);	(671601.6, 4341050.5, 880.8, 898.7, 0.0);
(671198.6, 4341253.5, 893.8, 897.9, 0.0);	(671278.5, 4341212.1, 888.8, 899.8, 0.0);
(671230.3, 4341132.8, 896.2, 896.2, 0.0);	(671073.1, 4341271.8, 898.7, 898.7, 0.0);
(671122.5, 4341373.6, 889.8, 897.6, 0.0);	(671118.8, 4341397.4, 887.9, 897.4, 0.0);
(670978.4, 4341324.1, 895.2, 895.2, 0.0);	(670932.9, 4341394.2, 890.7, 890.7, 0.0);
(670935.2, 4341367.4, 891.4, 891.4, 0.0);	(671108.0, 4340976.2, 894.4, 894.4, 0.0);
(671286.7, 4340978.5, 898.1, 898.1, 0.0);	(671675.4, 4342488.8, 891.0, 910.2, 0.0);
(671091.4, 4342277.2, 858.8, 891.5, 0.0);	(671051.8, 4342332.1, 863.0, 887.5, 0.0);
(671051.8, 4342369.2, 860.6, 891.6, 0.0);	(670953.0, 4342360.8, 860.9, 867.6, 0.0);
(670695.7, 4342235.9, 834.4, 889.2, 0.0);	(670545.5, 4342318.6, 825.3, 889.2, 0.0);

(670711.7, 4342488.2, 861.5, 889.2, 0.0);	(670648.3, 4342501.7, 864.4, 889.2, 0.0);
(670648.3, 4342630.9, 882.8, 886.8, 0.0);	(670806.3, 4342728.4, 870.6, 889.2, 0.0);
(670688.2, 4342739.4, 887.7, 887.7, 0.0);	(670804.9, 4342427.5, 847.1, 889.2, 0.0);
(670439.5, 4342471.5, 829.2, 889.2, 0.0);	(670358.4, 4342578.7, 832.6, 889.2, 0.0);
(670546.6, 4342662.5, 866.3, 889.2, 0.0);	(670537.0, 4342595.1, 865.5, 889.2, 0.0);
(670483.5, 4342776.5, 867.7, 888.9, 0.0);	(670508.2, 4342754.5, 868.4, 889.2, 0.0);
(670517.8, 4342868.5, 867.9, 887.3, 0.0);	(670545.3, 4342850.7, 871.8, 886.4, 0.0);
(670582.4, 4342878.2, 869.4, 889.1, 0.0);	(670304.9, 4342688.6, 847.3, 889.2, 0.0);
(670039.7, 4342661.1, 814.3, 889.2, 0.0);	(670156.5, 4342673.5, 830.5, 889.2, 0.0);
(670236.2, 4342648.7, 835.0, 889.2, 0.0);	(670071.3, 4342738.0, 834.8, 867.3, 0.0);
(669990.2, 4342753.1, 829.2, 867.3, 0.0);	(669928.4, 4342742.1, 821.1, 867.3, 0.0);
(669815.8, 4342673.5, 813.9, 885.2, 0.0);	(669743.0, 4342655.6, 815.5, 866.5, 0.0);
(669791.0, 4342744.9, 823.5, 861.3, 0.0);	(669696.2, 4342731.2, 824.0, 850.2, 0.0);
(669536.9, 4342552.6, 771.1, 889.2, 0.0);	(671174.9, 4342280.2, 855.7, 897.4, 0.0);
(671068.4, 4342169.9, 846.3, 891.8, 0.0);	(670965.7, 4342179.4, 842.7, 891.5, 0.0);
(670815.5, 4342198.5, 825.3, 892.0, 0.0);	(670737.6, 4342097.7, 816.2, 895.0, 0.0);
(670762.3, 4342069.2, 816.3, 897.3, 0.0);	(670817.4, 4342040.6, 818.1, 898.6, 0.0);
(670895.4, 4342025.4, 820.9, 898.8, 0.0);	(670979.0, 4341915.1, 823.5, 900.5, 0.0);
(671115.9, 4341863.8, 829.1, 900.5, 0.0);	(671199.6, 4341770.6, 831.1, 900.5, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(671222.4, 4341377.1, 877.6, 900.5, 0.0);	(671714.8, 4341392.3, 848.8, 913.3, 0.0);
(671366.9, 4341998.8, 854.1, 892.8, 0.0);	(671226.2, 4342236.5, 855.3, 897.8, 0.0);
(669098.4, 4343411.6, 760.1, 826.1, 0.0);	(668908.6, 4343364.6, 758.2, 821.0, 0.0);
(668851.5, 4343359.5, 757.2, 819.9, 0.0);	(668831.4, 4343371.3, 756.6, 821.0, 0.0);
(668733.9, 4343302.4, 760.0, 819.4, 0.0);	(668686.9, 4343200.0, 766.7, 769.0, 0.0);
(668671.8, 4343089.1, 771.5, 787.9, 0.0);	(668806.2, 4343001.7, 769.8, 788.0, 0.0);
(668918.7, 4343025.3, 775.2, 775.2, 0.0);	(669024.5, 4342943.0, 777.1, 797.3, 0.0);
(669288.2, 4342916.1, 786.0, 851.4, 0.0);	(669333.6, 4342922.8, 786.1, 856.1, 0.0);
(669365.5, 4342978.2, 784.0, 861.5, 0.0);	(669337.0, 4343151.2, 777.3, 861.7, 0.0);
(669303.4, 4343304.1, 778.3, 850.5, 0.0);	(669222.7, 4343235.2, 773.0, 850.8, 0.0);
(669135.4, 4343305.8, 763.4, 850.6, 0.0);	

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	-- RECEPTOR LOCATION --	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)

L0000568	671068.4	4342169.9	-19.45
L0000569	671068.4	4342169.9	-8.27
L0000574	671174.9	4342280.2	-7.70
L0000575	671174.9	4342280.2	-15.46
L0000634	670140.6	4343255.4	-0.63
L0000635	670140.6	4343255.4	-14.34
L0000670	669303.4	4343304.1	-13.62
L0000671	669303.4	4343304.1	-3.56
L0000163	668733.9	4343302.4	-1.84
L0000167	668686.9	4343200.0	0.92
L0000198	669288.2	4342916.1	-5.20
L0000199	669333.6	4342922.8	-4.86
L0000200	669333.6	4342922.8	-0.62
L0000208	669337.0	4343151.2	0.76
L0000216	669222.7	4343235.2	-13.95
L0000217	669222.7	4343235.2	-3.01
L0000222	669135.4	4343305.8	-0.25
L0000475	670965.7	4342179.4	-18.30
L0000476	670965.7	4342179.4	0.06
L0000481	670815.5	4342198.5	-4.50
L0000482	670815.5	4342198.5	-1.27
L0000492	670583.2	4342265.7	-3.56
L0000504	670361.9	4342430.6	-7.42
L0000523	669919.3	4342595.6	-4.51
L0000524	669919.3	4342595.6	-12.59
L0000533	669698.0	4342595.6	0.03
L0000545	669476.7	4342760.6	-12.44
L0000546	669476.7	4342760.6	-0.88
L0000857	671068.4	4342169.9	-12.65
L0000858	671068.4	4342169.9	-13.96
L0000859	671068.4	4342169.9	-4.55
L0000864	671174.9	4342280.2	-12.61
L0000865	671174.9	4342280.2	-8.10
L0000924	670140.6	4343255.4	-11.14
L0000925	670140.6	4343255.4	-5.55
L0000942	669698.0	4343255.4	0.24
L0000959	669303.4	4343304.1	-8.09
L0000960	669303.4	4343304.1	-13.67
L0000963	669222.7	4343235.2	-3.20
L0000964	669222.7	4343235.2	-15.50

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *

LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE	-- RECEPTOR LOCATION --	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)

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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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*** MODELOPTs:  RegDFAULT CONC ELEV RURAL

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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

09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	02	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	68.	10.0	280.4	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	07	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	75.	10.0	280.9	2.0
09	01	01	1	08	-3.3	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	0.71	0.00	0.	10.0	282.0	2.0
09	01	01	1	09	7.1	0.336	0.245	0.005	62.	468.	-403.9	1.15	0.84	0.36	1.76	7.	10.0	282.5	2.0
09	01	01	1	10	47.6	-9.000	-9.000	-9.000	192.	-999.	-999999.0	1.14	0.84	0.23	0.00	0.	10.0	283.1	2.0
09	01	01	1	11	15.7	0.353	0.471	0.005	199.	503.	-210.1	1.19	0.84	0.19	1.76	294.	10.0	283.1	2.0
09	01	01	1	12	94.9	-9.000	-9.000	-9.000	235.	-999.	-999999.0	1.14	0.84	0.17	0.00	0.	10.0	283.8	2.0
09	01	01	1	13	20.6	0.358	0.550	0.005	242.	514.	-166.5	1.19	0.84	0.17	1.76	263.	10.0	283.1	2.0
09	01	01	1	14	40.3	-9.000	-9.000	-9.000	255.	-999.	-999999.0	1.14	0.84	0.18	0.00	0.	10.0	283.1	2.0
09	01	01	1	15	49.8	0.746	0.800	0.005	308.	1545.	-623.4	1.20	0.84	0.22	3.86	192.	10.0	283.1	2.0
09	01	01	1	16	15.7	0.550	0.591	0.005	393.	1022.	-790.4	1.20	0.84	0.32	2.86	184.	10.0	282.5	2.0
09	01	01	1	17	1.1	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	0.60	0.00	0.	10.0	281.4	2.0
09	01	01	1	18	-13.6	0.158	-9.000	-9.000	-999.	150.	21.6	1.08	0.84	1.00	1.76	177.	10.0	281.4	2.0
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-999999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	20	-13.9	0.158	-9.000	-9.000	-999.	150.	21.1	1.08	0.84	1.00	1.76	147.	10.0	280.4	2.0
09	01	01	1	21	-18.2	0.387	-9.000	-9.000	-999.	578.	237.7	1.08	0.84	1.00	2.36	150.	10.0	280.4	2.0
09	01	01	1	22	-27.3	0.579	-9.000	-9.000	-999.	1056.	530.8	1.08	0.84	1.00	3.36	172.	10.0	279.9	2.0
09	01	01	1	23	-31.7	0.672	-9.000	-9.000	-999.	1319.	715.6	1.08	0.84	1.00	3.86	170.	10.0	279.9	2.0
09	01	01	1	24	-36.1	0.764	-9.000	-9.000	-999.	1599.	922.1	1.08	0.84	1.00	4.36	160.	10.0	278.8	2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
09 01 01 01 10.0 1 -999. -99.00 280.4 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.18809	668370.10	4340781.04	0.22125
668591.41	4340781.04	0.25567	668812.72	4340781.04	0.29264
669034.03	4340781.04	0.33691	669255.34	4340781.04	0.38442
669476.65	4340781.04	0.42647	669697.96	4340781.04	0.46470
669919.27	4340781.04	0.52217	670140.58	4340781.04	0.42883

670361.89	4340781.04	0.28182	670583.20	4340781.04	0.15930
670804.51	4340781.04	0.14507	671025.82	4340781.04	0.10278
671247.13	4340781.04	0.07734	671468.44	4340781.04	0.08068
671689.75	4340781.04	0.06245	671911.06	4340781.04	0.05804
672132.37	4340781.04	0.03469	672353.68	4340781.04	0.04954
672574.99	4340781.04	0.04490	668148.79	4340946.00	0.17487
668370.10	4340946.00	0.20973	668591.41	4340946.00	0.24780
668812.72	4340946.00	0.29036	669034.03	4340946.00	0.34850
669255.34	4340946.00	0.40823	669476.65	4340946.00	0.46809
669697.96	4340946.00	0.53775	669919.27	4340946.00	0.66492
670140.58	4340946.00	0.62411	670361.89	4340946.00	0.45108
670583.20	4340946.00	0.29597	670804.51	4340946.00	0.17756
671025.82	4340946.00	0.11948	671247.13	4340946.00	0.08486
671468.44	4340946.00	0.07485	671689.75	4340946.00	0.07973
671911.06	4340946.00	0.07980	672132.37	4340946.00	0.03879
672353.68	4340946.00	0.03938	672574.99	4340946.00	0.04237
668148.79	4341110.96	0.16475	668370.10	4341110.96	0.19313
668591.41	4341110.96	0.23655	668812.72	4341110.96	0.28384
669034.03	4341110.96	0.34478	669255.34	4341110.96	0.41141
669476.65	4341110.96	0.50239	669697.96	4341110.96	0.60325
669919.27	4341110.96	0.69713	670140.58	4341110.96	0.82901
670361.89	4341110.96	0.63217	670583.20	4341110.96	0.31308
670804.51	4341110.96	0.17636	671025.82	4341110.96	0.12000
671247.13	4341110.96	0.11161	671468.44	4341110.96	0.08253
671689.75	4341110.96	0.12226	671911.06	4341110.96	0.09499
672132.37	4341110.96	0.04099	672353.68	4341110.96	0.03333
672574.99	4341110.96	0.04459	668148.79	4341275.92	0.15518
668370.10	4341275.92	0.18316	668591.41	4341275.92	0.22223
668812.72	4341275.92	0.27248	669034.03	4341275.92	0.33710
669255.34	4341275.92	0.41560	669476.65	4341275.92	0.51466
669697.96	4341275.92	0.64476	669919.27	4341275.92	0.91538
670140.58	4341275.92	0.90921	670361.89	4341275.92	0.74549
670583.20	4341275.92	0.37796	670804.51	4341275.92	0.21107
671025.82	4341275.92	0.14582	671247.13	4341275.92	0.16572
671468.44	4341275.92	0.16734	671689.75	4341275.92	0.17486

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.12326	672132.37	4341275.92	0.04617
672353.68	4341275.92	0.03478	672574.99	4341275.92	0.05744
668148.79	4341440.88	0.14430	668370.10	4341440.88	0.17128
668591.41	4341440.88	0.20605	668812.72	4341440.88	0.25363

669034.03	4341440.88	0.31346	669255.34	4341440.88	0.38994
669476.65	4341440.88	0.50021	669697.96	4341440.88	0.65496
669919.27	4341440.88	0.89786	670140.58	4341440.88	0.90721
670361.89	4341440.88	1.00143	670583.20	4341440.88	0.67094
670804.51	4341440.88	0.41368	671025.82	4341440.88	0.23195
671689.75	4341440.88	0.23653	671911.06	4341440.88	0.11795
672132.37	4341440.88	0.05805	672353.68	4341440.88	0.05776
672574.99	4341440.88	0.07305	668148.79	4341605.84	0.13965
668370.10	4341605.84	0.16346	668591.41	4341605.84	0.19345
668812.72	4341605.84	0.23287	669034.03	4341605.84	0.28492
669255.34	4341605.84	0.35749	669476.65	4341605.84	0.46322
669697.96	4341605.84	0.61928	669919.27	4341605.84	0.69191
670140.58	4341605.84	0.89782	670361.89	4341605.84	1.06102
670583.20	4341605.84	1.27969	670804.51	4341605.84	1.11807
671025.82	4341605.84	0.51404	671689.75	4341605.84	0.29380
671911.06	4341605.84	0.16147	672132.37	4341605.84	0.10601
672353.68	4341605.84	0.08115	672574.99	4341605.84	0.08443
668148.79	4341770.80	0.13080	668370.10	4341770.80	0.15584
668591.41	4341770.80	0.17950	668812.72	4341770.80	0.21495
669034.03	4341770.80	0.26320	669255.34	4341770.80	0.32939
669476.65	4341770.80	0.42113	669697.96	4341770.80	0.42396
669919.27	4341770.80	0.44162	670140.58	4341770.80	0.55778
670361.89	4341770.80	0.77807	670583.20	4341770.80	1.86652
670804.51	4341770.80	4.64719	671025.82	4341770.80	3.02311
671689.75	4341770.80	0.31658	671911.06	4341770.80	0.22949
672132.37	4341770.80	0.11099	672353.68	4341770.80	0.07500
672574.99	4341770.80	0.09601	668148.79	4341935.76	0.12318
668370.10	4341935.76	0.14522	668591.41	4341935.76	0.17350
668812.72	4341935.76	0.20820	669034.03	4341935.76	0.25266
669255.34	4341935.76	0.31099	669476.65	4341935.76	0.30665
669697.96	4341935.76	0.25990	669919.27	4341935.76	0.23469
670140.58	4341935.76	0.30662	670361.89	4341935.76	0.49150
670583.20	4341935.76	1.78676	670804.51	4341935.76	7.48527
671468.44	4341935.76	0.80716	671689.75	4341935.76	0.40873
671911.06	4341935.76	0.25869	672132.37	4341935.76	0.13731
672353.68	4341935.76	0.09002	672574.99	4341935.76	0.10257

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.12479	668370.10	4342100.72	0.14880
668591.41	4342100.72	0.17689	668812.72	4342100.72	0.20867
669034.03	4342100.72	0.25243	669255.34	4342100.72	0.30981

669476.65	4342100.72	0.29781	669697.96	4342100.72	0.30404
669919.27	4342100.72	0.33811	670140.58	4342100.72	0.31298
670361.89	4342100.72	1.18018	670583.20	4342100.72	2.81395
671468.44	4342100.72	1.06526	671689.75	4342100.72	0.47761
671911.06	4342100.72	0.29186	672132.37	4342100.72	0.16703
672353.68	4342100.72	0.10346	672574.99	4342100.72	0.10497
668148.79	4342265.68	0.12966	668370.10	4342265.68	0.15426
668591.41	4342265.68	0.17484	668812.72	4342265.68	0.20839
669034.03	4342265.68	0.25211	669255.34	4342265.68	0.31851
669476.65	4342265.68	0.40676	669697.96	4342265.68	0.53990
669919.27	4342265.68	0.74169	670140.58	4342265.68	1.01864
670361.89	4342265.68	1.70871	670583.20	4342265.68	3.06168
670804.51	4342265.68	7.09835	671025.82	4342265.68	11.66970
671247.13	4342265.68	4.83433	671468.44	4342265.68	0.89356
671689.75	4342265.68	0.44971	671911.06	4342265.68	0.26635
672132.37	4342265.68	0.18121	672353.68	4342265.68	0.12086
672574.99	4342265.68	0.10720	668148.79	4342430.64	0.12845
668370.10	4342430.64	0.15586	668591.41	4342430.64	0.17461
668812.72	4342430.64	0.20553	669034.03	4342430.64	0.24801
669255.34	4342430.64	0.31056	669476.65	4342430.64	0.41791
669697.96	4342430.64	0.54843	669919.27	4342430.64	0.76609
670140.58	4342430.64	1.07865	670361.89	4342430.64	1.63842
670583.20	4342430.64	2.75459	670804.51	4342430.64	4.23427
671025.82	4342430.64	4.77531	671247.13	4342430.64	1.96646
671468.44	4342430.64	0.64441	671689.75	4342430.64	0.32772
671911.06	4342430.64	0.20483	672132.37	4342430.64	0.16327
672353.68	4342430.64	0.13448	672574.99	4342430.64	0.10116
668148.79	4342595.60	0.13806	668370.10	4342595.60	0.15793
668591.41	4342595.60	0.18486	668812.72	4342595.60	0.22046
669034.03	4342595.60	0.26749	669255.34	4342595.60	0.33497
669476.65	4342595.60	0.41611	669697.96	4342595.60	0.57285
669919.27	4342595.60	0.73599	670140.58	4342595.60	1.05263
670361.89	4342595.60	1.47776	670583.20	4342595.60	1.21673
670804.51	4342595.60	1.86565	671025.82	4342595.60	2.27985
671247.13	4342595.60	1.35311	671468.44	4342595.60	0.47236
671689.75	4342595.60	0.23195	671911.06	4342595.60	0.15300
672132.37	4342595.60	0.12059	672353.68	4342595.60	0.11343

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.09385	668148.79	4342760.56	0.15057
668370.10	4342760.56	0.17579	668591.41	4342760.56	0.19999

668812.72	4342760.56	0.23926	669034.03	4342760.56	0.29556
669255.34	4342760.56	0.36328	669476.65	4342760.56	0.43464
669697.96	4342760.56	0.59417	669919.27	4342760.56	0.74382
670140.58	4342760.56	0.91127	670361.89	4342760.56	1.14607
670583.20	4342760.56	0.90731	670804.51	4342760.56	1.09500
671025.82	4342760.56	1.17679	671247.13	4342760.56	0.77124
671468.44	4342760.56	0.39297	671689.75	4342760.56	0.20444
671911.06	4342760.56	0.12091	672132.37	4342760.56	0.09983
672353.68	4342760.56	0.09805	672574.99	4342760.56	0.07768
668148.79	4342925.52	0.15833	668370.10	4342925.52	0.18293
668591.41	4342925.52	0.21624	668812.72	4342925.52	0.24969
669034.03	4342925.52	0.29676	669476.65	4342925.52	0.42954
669697.96	4342925.52	0.55197	669919.27	4342925.52	0.65022
670140.58	4342925.52	0.71641	670361.89	4342925.52	0.78437
670583.20	4342925.52	0.93606	670804.51	4342925.52	0.83373
671025.82	4342925.52	0.64942	671247.13	4342925.52	0.53864
671468.44	4342925.52	0.30439	671689.75	4342925.52	0.17295
671911.06	4342925.52	0.10723	672132.37	4342925.52	0.07302
672353.68	4342925.52	0.07371	672574.99	4342925.52	0.06985
668148.79	4343090.48	0.15595	668370.10	4343090.48	0.17985
668591.41	4343090.48	0.21800	669476.65	4343090.48	0.39282
669697.96	4343090.48	0.47372	669919.27	4343090.48	0.56200
670140.58	4343090.48	0.67168	670361.89	4343090.48	0.66073
670583.20	4343090.48	0.64769	670804.51	4343090.48	0.63820
671025.82	4343090.48	0.45489	671247.13	4343090.48	0.38984
671468.44	4343090.48	0.24916	671689.75	4343090.48	0.14936
671911.06	4343090.48	0.09404	672132.37	4343090.48	0.06732
672353.68	4343090.48	0.04817	672574.99	4343090.48	0.04710
668148.79	4343255.44	0.15836	668370.10	4343255.44	0.17981
668591.41	4343255.44	0.20817	669476.65	4343255.44	0.36926
669697.96	4343255.44	0.41954	669919.27	4343255.44	0.47222
670140.58	4343255.44	0.50269	670361.89	4343255.44	0.49820
670583.20	4343255.44	0.48057	670804.51	4343255.44	0.49211
671025.82	4343255.44	0.34531	671247.13	4343255.44	0.29103
671468.44	4343255.44	0.21125	671689.75	4343255.44	0.13076
671911.06	4343255.44	0.08406	672132.37	4343255.44	0.05973
672353.68	4343255.44	0.04592	672574.99	4343255.44	0.03398
668148.79	4343420.40	0.16283	668370.10	4343420.40	0.18006

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ****

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.19785	668812.72	4343420.40	0.22439

669034.03	4343420.40	0.25023	669255.34	4343420.40	0.28000
669476.65	4343420.40	0.31346	669697.96	4343420.40	0.36885
669919.27	4343420.40	0.39146	670140.58	4343420.40	0.38787
670361.89	4343420.40	0.38230	670583.20	4343420.40	0.37573
670804.51	4343420.40	0.38568	671025.82	4343420.40	0.32624
671247.13	4343420.40	0.25308	671468.44	4343420.40	0.17327
671689.75	4343420.40	0.11735	671911.06	4343420.40	0.07696
672132.37	4343420.40	0.05403	672353.68	4343420.40	0.04045
672574.99	4343420.40	0.03154	668148.79	4343585.36	0.16511
668370.10	4343585.36	0.18114	668591.41	4343585.36	0.19229
668812.72	4343585.36	0.21695	669034.03	4343585.36	0.24271
669255.34	4343585.36	0.26634	669476.65	4343585.36	0.28879
669697.96	4343585.36	0.30110	669919.27	4343585.36	0.31269
670140.58	4343585.36	0.31270	670361.89	4343585.36	0.30619
670583.20	4343585.36	0.30503	670804.51	4343585.36	0.30838
671025.82	4343585.36	0.29399	671247.13	4343585.36	0.20910
671468.44	4343585.36	0.15637	671689.75	4343585.36	0.11475
671911.06	4343585.36	0.07489	672132.37	4343585.36	0.05258
672353.68	4343585.36	0.03798	672574.99	4343585.36	0.03021
668148.79	4343750.32	0.15803	668370.10	4343750.32	0.17598
668591.41	4343750.32	0.19059	668812.72	4343750.32	0.20601
669034.03	4343750.32	0.23206	669255.34	4343750.32	0.24965
669476.65	4343750.32	0.25877	669697.96	4343750.32	0.26462
669919.27	4343750.32	0.26444	670140.58	4343750.32	0.25989
670361.89	4343750.32	0.25574	670583.20	4343750.32	0.25237
670804.51	4343750.32	0.25205	671025.82	4343750.32	0.23953
671247.13	4343750.32	0.20211	671468.44	4343750.32	0.16359
671689.75	4343750.32	0.13413	671911.06	4343750.32	0.09072
672132.37	4343750.32	0.05629	672353.68	4343750.32	0.03813
672574.99	4343750.32	0.02957	668148.79	4343915.28	0.14875
668370.10	4343915.28	0.16588	668591.41	4343915.28	0.18215
668812.72	4343915.28	0.19637	669034.03	4343915.28	0.21351
669255.34	4343915.28	0.22689	669476.65	4343915.28	0.23298
669697.96	4343915.28	0.23028	669919.27	4343915.28	0.22504
670140.58	4343915.28	0.21993	670361.89	4343915.28	0.21449
670583.20	4343915.28	0.21412	670804.51	4343915.28	0.21279
671025.82	4343915.28	0.20135	671247.13	4343915.28	0.17577
671468.44	4343915.28	0.14018	671689.75	4343915.28	0.10990
671911.06	4343915.28	0.08106	672132.37	4343915.28	0.06051

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	0.04258	672574.99	4343915.28	0.03216
668148.79	4344080.24	0.14289	668370.10	4344080.24	0.15531
668591.41	4344080.24	0.16971	668812.72	4344080.24	0.18315
669034.03	4344080.24	0.19497	669255.34	4344080.24	0.20349
669476.65	4344080.24	0.20351	669697.96	4344080.24	0.19989
669919.27	4344080.24	0.19426	670140.58	4344080.24	0.19053
670361.89	4344080.24	0.18330	670583.20	4344080.24	0.18344
670804.51	4344080.24	0.18237	671025.82	4344080.24	0.16761
671247.13	4344080.24	0.15093	671468.44	4344080.24	0.12828
671689.75	4344080.24	0.09077	671911.06	4344080.24	0.06499
672132.37	4344080.24	0.04742	672353.68	4344080.24	0.03687
672574.99	4344080.24	0.02857	671464.71	4342094.27	1.09371
671482.23	4342063.91	1.00227	671498.58	4342030.05	0.87475
671513.75	4341991.52	0.74833	671541.78	4341964.66	0.63080
671575.64	4341974.00	0.55890	671460.75	4342162.97	1.05240
671451.00	4342187.35	1.06717	671510.73	4342219.66	0.80024
671524.14	4342192.84	0.77432	671522.92	4342250.74	0.73216
671599.11	4342252.57	0.57192	671627.76	4342256.84	0.52726
671583.88	4342116.03	0.61357	671595.46	4342071.54	0.58349
671663.12	4342056.30	0.49328	671600.94	4342030.09	0.56248
671526.58	4342155.65	0.76978	671628.98	4342292.19	0.49719
671641.78	4341980.71	0.46919	671666.77	4342018.51	0.47251
671407.11	4342219.66	1.26892	671415.64	4342183.08	1.32565
671635.08	4341706.42	0.31747	671693.59	4341710.08	0.29086
671719.80	4341736.29	0.29846	671673.48	4341630.23	0.29949
671888.04	4341936.22	0.27700	671977.64	4341952.07	0.21973
672039.21	4341894.77	0.16287	671858.17	4341753.96	0.25310
671922.78	4341634.49	0.16997	671613.74	4341791.15	0.36211
671853.29	4341730.80	0.24338	671783.81	4341585.73	0.23462
671783.20	4341546.72	0.21479	671769.18	4341461.38	0.20437
671800.87	4341420.54	0.18339	671880.11	4341427.25	0.13670
672012.39	4341504.66	0.07999	672084.31	4341547.94	0.09119
671915.47	4341478.45	0.11815	671903.28	4341564.40	0.14704
671863.05	4341522.34	0.15671	671830.13	4341336.43	0.16544
671835.62	4341287.66	0.15937	671825.87	4341275.47	0.16072
672136.73	4341370.56	0.04912	671920.34	4341307.17	0.11184
671695.42	4341257.19	0.16513	671682.01	4341176.12	0.12805
671991.66	4341196.23	0.09786	672022.14	4341231.59	0.08186
671992.27	4341177.95	0.08673	671540.60	4341238.29	0.10307
671575.34	4341177.95	0.08372	671454.65	4341196.23	0.10519

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M) CONC

X-COORD (M) Y-COORD (M) CONC

671523.53	4341116.38	0.07763	671413.20	4341126.74	0.10546
671471.11	4341064.57	0.07921	671601.55	4341050.55	0.08572
671198.64	4341253.53	0.13641	671278.49	4341212.08	0.14341
671230.34	4341132.84	0.11100	671073.08	4341271.82	0.13692
671122.45	4341373.61	0.19268	671118.79	4341397.38	0.21183
670978.40	4341324.15	0.17718	670932.85	4341394.21	0.24177
670935.19	4341367.36	0.22473	671108.01	4340976.17	0.10364
671286.67	4340978.51	0.08884	671675.37	4342488.78	0.29711
671091.40	4342277.23	12.66432	671051.75	4342332.07	7.46200
671051.75	4342369.20	6.12281	670953.04	4342360.76	5.41725
670695.71	4342235.89	4.86499	670545.53	4342318.58	2.76352
670711.74	4342488.16	2.35471	670648.30	4342501.73	1.81661
670648.30	4342630.87	1.02090	670806.29	4342728.41	1.17988
670688.15	4342739.41	0.85562	670804.92	4342427.55	4.28226
670439.48	4342471.51	1.93121	670358.43	4342578.67	1.49873
670546.64	4342662.47	1.23796	670537.03	4342595.15	1.31979
670483.45	4342776.50	0.97466	670508.17	4342754.52	1.00398
670517.79	4342868.54	0.85630	670545.27	4342850.69	0.82231
670582.36	4342878.16	0.83144	670304.85	4342688.57	1.23239
670039.70	4342661.10	0.88461	670156.48	4342673.46	1.04093
670236.16	4342648.73	1.18000	670071.30	4342738.03	0.89720
669990.24	4342753.14	0.80939	669928.42	4342742.15	0.75467
669815.77	4342673.46	0.67727	669742.96	4342655.60	0.62788
669791.04	4342744.90	0.65518	669696.25	4342731.16	0.59662
669536.88	4342552.57	0.43805	671174.86	4342280.21	8.83756
671068.38	4342169.93	65.24062	670965.71	4342179.44	25.90810
670815.50	4342198.45	8.19121	670737.55	4342097.68	5.01900
670762.27	4342069.16	5.61021	670817.40	4342040.64	7.63027
670895.36	4342025.43	12.88981	670979.02	4341915.15	12.45630
671115.92	4341863.81	5.65777	671199.58	4341770.65	1.98717
671222.39	4341377.07	0.24095	671714.84	4341392.28	0.21544
671366.89	4341998.81	2.11266	671226.19	4342236.48	7.15391
669098.44	4343411.59	0.25810	668908.63	4343364.56	0.23816
668851.52	4343359.52	0.23116	668831.37	4343371.27	0.22771
668733.94	4343302.41	0.22203	668686.91	4343199.95	0.22363
668671.79	4343089.09	0.22610	668806.17	4343001.74	0.24648
668918.71	4343025.26	0.26876	669024.53	4342942.95	0.29253
669288.24	4342916.08	0.36583	669333.59	4342922.80	0.37865
669365.51	4342978.23	0.38025	669336.95	4343151.23	0.34307
669303.36	4343304.09	0.31303	669222.73	4343235.22	0.30593

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669135.39	4343305.77	0.27720			
*** AERMOD - VERSION 19191 *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***					
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*** AERMET - VERSION 14134 ***			*** 17:19:20		
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL					

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.06743	668370.10	4340781.04	0.07736
668591.41	4340781.04	0.08756	668812.72	4340781.04	0.09831
669034.03	4340781.04	0.11258	669255.34	4340781.04	0.12973
669476.65	4340781.04	0.14714	669697.96	4340781.04	0.16957
669919.27	4340781.04	0.25944	670140.58	4340781.04	0.39909
670361.89	4340781.04	0.40095	670583.20	4340781.04	0.31053
670804.51	4340781.04	0.24790	671025.82	4340781.04	0.16470
671247.13	4340781.04	0.12857	671468.44	4340781.04	0.13144
671689.75	4340781.04	0.13032	671911.06	4340781.04	0.10154
672132.37	4340781.04	0.06876	672353.68	4340781.04	0.09025
672574.99	4340781.04	0.09217	668148.79	4340946.00	0.06538
668370.10	4340946.00	0.07567	668591.41	4340946.00	0.08651
668812.72	4340946.00	0.09835	669034.03	4340946.00	0.11580
669255.34	4340946.00	0.13441	669476.65	4340946.00	0.15475
669697.96	4340946.00	0.18473	669919.27	4340946.00	0.38784
670140.58	4340946.00	0.44144	670361.89	4340946.00	0.50689
670583.20	4340946.00	0.49955	670804.51	4340946.00	0.35407
671025.82	4340946.00	0.22011	671247.13	4340946.00	0.15038
671468.44	4340946.00	0.13971	671689.75	4340946.00	0.17810
671911.06	4340946.00	0.15314	672132.37	4340946.00	0.07468
672353.68	4340946.00	0.08327	672574.99	4340946.00	0.09680
668148.79	4341110.96	0.06499	668370.10	4341110.96	0.07332
668591.41	4341110.96	0.08604	668812.72	4341110.96	0.09907
669034.03	4341110.96	0.11599	669255.34	4341110.96	0.13422
669476.65	4341110.96	0.16145	669697.96	4341110.96	0.19541
669919.27	4341110.96	0.23261	670140.58	4341110.96	0.49543
670361.89	4341110.96	0.57061	670583.20	4341110.96	0.53128
670804.51	4341110.96	0.40485	671025.82	4341110.96	0.28131
671247.13	4341110.96	0.22375	671468.44	4341110.96	0.18893
671689.75	4341110.96	0.27726	671911.06	4341110.96	0.21184
672132.37	4341110.96	0.09181	672353.68	4341110.96	0.06927
672574.99	4341110.96	0.10083	668148.79	4341275.92	0.06498
668370.10	4341275.92	0.07376	668591.41	4341275.92	0.08564

668812.72	4341275.92	0.10027	669034.03	4341275.92	0.11935
669255.34	4341275.92	0.13950	669476.65	4341275.92	0.16458
669697.96	4341275.92	0.19958	669919.27	4341275.92	0.37330
670140.58	4341275.92	0.44133	670361.89	4341275.92	0.52867
670583.20	4341275.92	0.48827	670804.51	4341275.92	0.50548
671025.82	4341275.92	0.43994	671247.13	4341275.92	0.43088
671468.44	4341275.92	0.54675	671689.75	4341275.92	0.47108

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.32783	672132.37	4341275.92	0.11335
672353.68	4341275.92	0.08041	672574.99	4341275.92	0.12312
668148.79	4341440.88	0.06424	668370.10	4341440.88	0.07357
668591.41	4341440.88	0.08491	668812.72	4341440.88	0.10011
669034.03	4341440.88	0.11799	669255.34	4341440.88	0.13765
669476.65	4341440.88	0.16547	669697.96	4341440.88	0.20379
669919.27	4341440.88	0.32831	670140.58	4341440.88	0.36684
670361.89	4341440.88	0.45603	670583.20	4341440.88	0.49632
670804.51	4341440.88	0.70758	671025.82	4341440.88	0.70472
671689.75	4341440.88	1.60822	671911.06	4341440.88	0.42634
672132.37	4341440.88	0.16514	672353.68	4341440.88	0.13417
672574.99	4341440.88	0.28279	668148.79	4341605.84	0.06549
668370.10	4341605.84	0.07452	668591.41	4341605.84	0.08529
668812.72	4341605.84	0.09861	669034.03	4341605.84	0.11505
669255.34	4341605.84	0.13642	669476.65	4341605.84	0.16480
669697.96	4341605.84	0.20397	669919.27	4341605.84	0.25484
670140.58	4341605.84	0.31848	670361.89	4341605.84	0.35948
670583.20	4341605.84	0.49917	670804.51	4341605.84	1.02063
671025.82	4341605.84	1.15974	671689.75	4341605.84	3.36343
671911.06	4341605.84	0.70187	672132.37	4341605.84	0.29974
672353.68	4341605.84	0.19344	672574.99	4341605.84	0.31098
668148.79	4341770.80	0.06403	668370.10	4341770.80	0.07448
668591.41	4341770.80	0.08344	668812.72	4341770.80	0.09669
669034.03	4341770.80	0.11409	669255.34	4341770.80	0.13685
669476.65	4341770.80	0.16496	669697.96	4341770.80	0.18626
669919.27	4341770.80	0.19715	670140.58	4341770.80	0.22942
670361.89	4341770.80	0.25278	670583.20	4341770.80	0.53010
670804.51	4341770.80	1.50296	671025.82	4341770.80	2.70295
671689.75	4341770.80	2.51929	671911.06	4341770.80	0.87796

672132.37	4341770.80	0.31213	672353.68	4341770.80	0.17764
672574.99	4341770.80	0.32873	668148.79	4341935.76	0.06217
668370.10	4341935.76	0.07158	668591.41	4341935.76	0.08325
668812.72	4341935.76	0.09722	669034.03	4341935.76	0.11477
669255.34	4341935.76	0.13727	669476.65	4341935.76	0.14654
669697.96	4341935.76	0.13904	669919.27	4341935.76	0.13208
670140.58	4341935.76	0.16269	670361.89	4341935.76	0.23590
670583.20	4341935.76	0.61096	670804.51	4341935.76	1.31822
671468.44	4341935.76	9.60411	671689.75	4341935.76	1.90625
671911.06	4341935.76	0.76986	672132.37	4341935.76	0.31180
672353.68	4341935.76	0.17668	672574.99	4341935.76	0.20391

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.06292	668370.10	4342100.72	0.07312
668591.41	4342100.72	0.08491	668812.72	4342100.72	0.09759
669034.03	4342100.72	0.11499	669255.34	4342100.72	0.13684
669476.65	4342100.72	0.15554	669697.96	4342100.72	0.17003
669919.27	4342100.72	0.19787	670140.58	4342100.72	0.20447
670361.89	4342100.72	0.47216	670583.20	4342100.72	0.69375
671468.44	4342100.72	3.42780	671689.75	4342100.72	1.27897
671911.06	4342100.72	0.64311	672132.37	4342100.72	0.31806
672353.68	4342100.72	0.17891	672574.99	4342100.72	0.18635
668148.79	4342265.68	0.06359	668370.10	4342265.68	0.07362
668591.41	4342265.68	0.08171	668812.72	4342265.68	0.09434
669034.03	4342265.68	0.11004	669255.34	4342265.68	0.13251
669476.65	4342265.68	0.15966	669697.96	4342265.68	0.19814
669919.27	4342265.68	0.24888	670140.58	4342265.68	0.32850
670361.89	4342265.68	0.44175	670583.20	4342265.68	0.64964
670804.51	4342265.68	1.13603	671025.82	4342265.68	2.38384
671247.13	4342265.68	4.85250	671468.44	4342265.68	2.02714
671689.75	4342265.68	0.96029	671911.06	4342265.68	0.49675
672132.37	4342265.68	0.31864	672353.68	4342265.68	0.20506
672574.99	4342265.68	0.30072	668148.79	4342430.64	0.06089
668370.10	4342430.64	0.07110	668591.41	4342430.64	0.07805
668812.72	4342430.64	0.08876	669034.03	4342430.64	0.10268
669255.34	4342430.64	0.12169	669476.65	4342430.64	0.15099
669697.96	4342430.64	0.18291	669919.27	4342430.64	0.23117
670140.58	4342430.64	0.29404	670361.89	4342430.64	0.39782

670583.20	4342430.64	0.62602	670804.51	4342430.64	0.96576
671025.82	4342430.64	1.60297	671247.13	4342430.64	1.71701
671468.44	4342430.64	1.19280	671689.75	4342430.64	0.65859
671911.06	4342430.64	0.38315	672132.37	4342430.64	0.26952
672353.68	4342430.64	0.35513	672574.99	4342430.64	0.27396
668148.79	4342595.60	0.06135	668370.10	4342595.60	0.06826
668591.41	4342595.60	0.07710	668812.72	4342595.60	0.08814
669034.03	4342595.60	0.10187	669255.34	4342595.60	0.12028
669476.65	4342595.60	0.14052	669697.96	4342595.60	0.17664
669919.27	4342595.60	0.21192	670140.58	4342595.60	0.27850
670361.89	4342595.60	0.37187	670583.20	4342595.60	0.48984
670804.51	4342595.60	0.78899	671025.82	4342595.60	1.02849
671247.13	4342595.60	1.11359	671468.44	4342595.60	0.74858
671689.75	4342595.60	0.44442	671911.06	4342595.60	0.27370
672132.37	4342595.60	0.20575	672353.68	4342595.60	0.23885

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.25030	668148.79	4342760.56	0.06227
668370.10	4342760.56	0.07016	668591.41	4342760.56	0.07742
668812.72	4342760.56	0.08860	669034.03	4342760.56	0.10378
669255.34	4342760.56	0.12113	669476.65	4342760.56	0.13850
669697.96	4342760.56	0.17607	669919.27	4342760.56	0.21050
670140.58	4342760.56	0.30787	670361.89	4342760.56	0.41718
670583.20	4342760.56	0.41799	670804.51	4342760.56	0.55216
671025.82	4342760.56	0.65144	671247.13	4342760.56	0.65487
671468.44	4342760.56	0.52767	671689.75	4342760.56	0.35654
671911.06	4342760.56	0.21707	672132.37	4342760.56	0.16215
672353.68	4342760.56	0.16506	672574.99	4342760.56	0.17671
668148.79	4342925.52	0.06171	668370.10	4342925.52	0.06897
668591.41	4342925.52	0.07843	668812.72	4342925.52	0.08759
669034.03	4342925.52	0.10010	669476.65	4342925.52	0.13439
669697.96	4342925.52	0.16627	669919.27	4342925.52	0.21661
670140.58	4342925.52	0.29127	670361.89	4342925.52	0.35201
670583.20	4342925.52	0.41262	670804.51	4342925.52	0.45788
671025.82	4342925.52	0.41218	671247.13	4342925.52	0.46391
671468.44	4342925.52	0.37526	671689.75	4342925.52	0.27712
671911.06	4342925.52	0.18341	672132.37	4342925.52	0.12229
672353.68	4342925.52	0.11394	672574.99	4342925.52	0.10969

668148.79	4343090.48	0.05868	668370.10	4343090.48	0.06565
668591.41	4343090.48	0.07638	669476.65	4343090.48	0.12508
669697.96	4343090.48	0.14826	669919.27	4343090.48	0.17699
670140.58	4343090.48	0.22695	670361.89	4343090.48	0.24428
670583.20	4343090.48	0.28498	670804.51	4343090.48	0.35140
671025.82	4343090.48	0.31452	671247.13	4343090.48	0.34126
671468.44	4343090.48	0.28786	671689.75	4343090.48	0.21923
671911.06	4343090.48	0.15467	672132.37	4343090.48	0.10920
672353.68	4343090.48	0.07620	672574.99	4343090.48	0.06894
668148.79	4343255.44	0.05770	668370.10	4343255.44	0.06402
668591.41	4343255.44	0.07222	669476.65	4343255.44	0.12026
669697.96	4343255.44	0.13760	669919.27	4343255.44	0.15992
670140.58	4343255.44	0.18403	670361.89	4343255.44	0.20813
670583.20	4343255.44	0.23659	670804.51	4343255.44	0.28661
671025.82	4343255.44	0.25301	671247.13	4343255.44	0.25915
671468.44	4343255.44	0.23214	671689.75	4343255.44	0.17843
671911.06	4343255.44	0.13058	672132.37	4343255.44	0.09632
672353.68	4343255.44	0.07123	672574.99	4343255.44	0.05162
668148.79	4343420.40	0.05786	668370.10	4343420.40	0.06312

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.06869	668812.72	4343420.40	0.07681
669034.03	4343420.40	0.08502	669255.34	4343420.40	0.09481
669476.65	4343420.40	0.10675	669697.96	4343420.40	0.12777
669919.27	4343420.40	0.14344	670140.58	4343420.40	0.15697
670361.89	4343420.40	0.17761	670583.20	4343420.40	0.20251
670804.51	4343420.40	0.24204	671025.82	4343420.40	0.24293
671247.13	4343420.40	0.22549	671468.44	4343420.40	0.18552
671689.75	4343420.40	0.15044	671911.06	4343420.40	0.11324
672132.37	4343420.40	0.08386	672353.68	4343420.40	0.06265
672574.99	4343420.40	0.04746	668148.79	4343585.36	0.05799
668370.10	4343585.36	0.06306	668591.41	4343585.36	0.06688
668812.72	4343585.36	0.07482	669034.03	4343585.36	0.08346
669255.34	4343585.36	0.09218	669476.65	4343585.36	0.10205
669697.96	4343585.36	0.11129	669919.27	4343585.36	0.12441
670140.58	4343585.36	0.13883	670361.89	4343585.36	0.15559
670583.20	4343585.36	0.17740	670804.51	4343585.36	0.20440
671025.82	4343585.36	0.22941	671247.13	4343585.36	0.18841

671468.44	4343585.36	0.16197	671689.75	4343585.36	0.13611
671911.06	4343585.36	0.10321	672132.37	4343585.36	0.07846
672353.68	4343585.36	0.05815	672574.99	4343585.36	0.04487
668148.79	4343750.32	0.05575	668370.10	4343750.32	0.06168
668591.41	4343750.32	0.06665	668812.72	4343750.32	0.07211
669034.03	4343750.32	0.08168	669255.34	4343750.32	0.08929
669476.65	4343750.32	0.09580	669697.96	4343750.32	0.10399
669919.27	4343750.32	0.11359	670140.58	4343750.32	0.12544
670361.89	4343750.32	0.14071	670583.20	4343750.32	0.15616
670804.51	4343750.32	0.17522	671025.82	4343750.32	0.19335
671247.13	4343750.32	0.19974	671468.44	4343750.32	0.17863
671689.75	4343750.32	0.14528	671911.06	4343750.32	0.10994
672132.37	4343750.32	0.07971	672353.68	4343750.32	0.05661
672574.99	4343750.32	0.04429	668148.79	4343915.28	0.05300
668370.10	4343915.28	0.05884	668591.41	4343915.28	0.06472
668812.72	4343915.28	0.07013	669034.03	4343915.28	0.07752
669255.34	4343915.28	0.08476	669476.65	4343915.28	0.09099
669697.96	4343915.28	0.09654	669919.27	4343915.28	0.10400
670140.58	4343915.28	0.11443	670361.89	4343915.28	0.12581
670583.20	4343915.28	0.14024	670804.51	4343915.28	0.15540
671025.82	4343915.28	0.16952	671247.13	4343915.28	0.17359
671468.44	4343915.28	0.14384	671689.75	4343915.28	0.11868
671911.06	4343915.28	0.09508	672132.37	4343915.28	0.07960

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.06216	672574.99	4343915.28	0.04717
668148.79	4344080.24	0.05137	668370.10	4344080.24	0.05587
668591.41	4344080.24	0.06137	668812.72	4344080.24	0.06715
669034.03	4344080.24	0.07337	669255.34	4344080.24	0.07969
669476.65	4344080.24	0.08402	669697.96	4344080.24	0.08942
669919.27	4344080.24	0.09627	670140.58	4344080.24	0.10654
670361.89	4344080.24	0.11356	670583.20	4344080.24	0.12584
670804.51	4344080.24	0.13952	671025.82	4344080.24	0.13330
671247.13	4344080.24	0.15268	671468.44	4344080.24	0.15085
671689.75	4344080.24	0.09830	671911.06	4344080.24	0.07698
672132.37	4344080.24	0.06190	672353.68	4344080.24	0.05186
672574.99	4344080.24	0.04099	671464.71	4342094.27	3.63987
671482.23	4342063.91	3.85908	671498.58	4342030.05	4.07249

671513.75	4341991.52	4.44135	671541.78	4341964.66	4.11543
671575.64	4341974.00	3.03472	671460.75	4342162.97	2.76277
671451.00	4342187.35	2.64510	671510.73	4342219.66	1.92508
671524.14	4342192.84	1.93766	671522.92	4342250.74	1.71459
671599.11	4342252.57	1.30495	671627.76	4342256.84	1.17979
671583.88	4342116.03	1.73226	671595.46	4342071.54	1.83424
671663.12	4342056.30	1.50696	671600.94	4342030.09	2.09114
671526.58	4342155.65	2.06754	671628.98	4342292.19	1.09936
671641.78	4341980.71	2.04111	671666.77	4342018.51	1.64272
671407.11	4342219.66	2.90540	671415.64	4342183.08	3.23468
671635.08	4341706.42	4.58365	671693.59	4341710.08	3.10198
671719.80	4341736.29	2.66961	671673.48	4341630.23	4.17313
671888.04	4341936.22	0.85307	671977.64	4341952.07	0.57664
672039.21	4341894.77	0.44445	671858.17	4341753.96	1.59229
671922.78	4341634.49	0.69974	671613.74	4341791.15	4.50928
671853.29	4341730.80	1.63423	671783.81	4341585.73	1.92217
671783.20	4341546.72	1.72510	671769.18	4341461.38	1.36907
671800.87	4341420.54	1.05526	671880.11	4341427.25	0.49349
672012.39	4341504.66	0.26944	672084.31	4341547.94	0.27839
671915.47	4341478.45	0.45476	671903.28	4341564.40	0.64709
671863.05	4341522.34	0.75169	671830.13	4341336.43	0.62895
671835.62	4341287.66	0.49187	671825.87	4341275.47	0.48673
672136.73	4341370.56	0.13110	671920.34	4341307.17	0.31277
671695.42	4341257.19	0.42964	671682.01	4341176.12	0.30728
671991.66	4341196.23	0.23550	672022.14	4341231.59	0.21057
671992.27	4341177.95	0.20405	671540.60	4341238.29	0.29241
671575.34	4341177.95	0.21793	671454.65	4341196.23	0.26800

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.18735	671413.20	4341126.74	0.22158
671471.11	4341064.57	0.17158	671601.55	4341050.55	0.20663
671198.64	4341253.53	0.36174	671278.49	4341212.08	0.31083
671230.34	4341132.84	0.23104	671073.08	4341271.82	0.41732
671122.45	4341373.61	0.63851	671118.79	4341397.38	0.71008
670978.40	4341324.15	0.51900	670932.85	4341394.21	0.62825
670935.19	4341367.36	0.59720	671108.01	4340976.17	0.18769
671286.67	4340978.51	0.15664	671675.37	4342488.78	0.58910
671091.40	4342277.23	3.24534	671051.75	4342332.07	2.17344

671051.75	4342369.20	2.01916	670953.04	4342360.76	1.57543
670695.71	4342235.89	0.88648	670545.53	4342318.58	0.59245
670711.74	4342488.16	0.78162	670648.30	4342501.73	0.64692
670648.30	4342630.87	0.41881	670806.29	4342728.41	0.58007
670688.15	4342739.41	0.39069	670804.92	4342427.55	0.97295
670439.48	4342471.51	0.44991	670358.43	4342578.67	0.37380
670546.64	4342662.47	0.49669	670537.03	4342595.15	0.50562
670483.45	4342776.50	0.42326	670508.17	4342754.52	0.43601
670517.79	4342868.54	0.40798	670545.27	4342850.69	0.39891
670582.36	4342878.16	0.41310	670304.85	4342688.57	0.34400
670039.70	4342661.10	0.24195	670156.48	4342673.46	0.27774
670236.16	4342648.73	0.30885	670071.30	4342738.03	0.24710
669990.24	4342753.14	0.22608	669928.42	4342742.15	0.21278
669815.77	4342673.46	0.19613	669742.96	4342655.60	0.18605
669791.04	4342744.90	0.19002	669696.25	4342731.16	0.17712
669536.88	4342552.57	0.14803	671174.86	4342280.21	4.45471
671068.38	4342169.93	4.59417	670965.71	4342179.44	2.41796
670815.50	4342198.45	1.24001	670737.55	4342097.68	1.00586
670762.27	4342069.16	1.09245	670817.40	4342040.64	1.32026
670895.36	4342025.43	1.78286	670979.02	4341915.15	2.36611
671115.92	4341863.81	3.90643	671199.58	4341770.65	4.28445
671222.39	4341377.07	0.85444	671714.84	4341392.28	1.21492
671366.89	4341998.81	22.62057	671226.19	4342236.48	6.36988
669098.44	4343411.59	0.08757	668908.63	4343364.56	0.08104
668851.52	4343359.52	0.07890	668831.37	4343371.27	0.07786
668733.94	4343302.41	0.07615	668686.91	4343199.95	0.07700
668671.79	4343089.09	0.07867	668806.17	4343001.74	0.08545
668918.71	4343025.26	0.09116	669024.53	4342942.95	0.09871
669288.24	4342916.08	0.11824	669333.59	4342922.80	0.12145
669365.51	4342978.23	0.12140	669336.95	4343151.23	0.11135
669303.36	4343304.09	0.10366	669222.73	4343235.22	0.10091

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 0.09279

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.07330	668370.10	4340781.04	0.07717
668591.41	4340781.04	0.08115	668812.72	4340781.04	0.08582
669034.03	4340781.04	0.09028	669255.34	4340781.04	0.09421
669476.65	4340781.04	0.09979	669697.96	4340781.04	0.10242
669919.27	4340781.04	0.11390	670140.58	4340781.04	0.11049
670361.89	4340781.04	0.09537	670583.20	4340781.04	0.07373
670804.51	4340781.04	0.06819	671025.82	4340781.04	0.05635
671247.13	4340781.04	0.04213	671468.44	4340781.04	0.04313
671689.75	4340781.04	0.04042	671911.06	4340781.04	0.03611
672132.37	4340781.04	0.02661	672353.68	4340781.04	0.03458
672574.99	4340781.04	0.04312	668148.79	4340946.00	0.07613
668370.10	4340946.00	0.08323	668591.41	4340946.00	0.08839
668812.72	4340946.00	0.09382	669034.03	4340946.00	0.09857
669255.34	4340946.00	0.10480	669476.65	4340946.00	0.11159
669697.96	4340946.00	0.11510	669919.27	4340946.00	0.14135
670140.58	4340946.00	0.13504	670361.89	4340946.00	0.12182
670583.20	4340946.00	0.10416	670804.51	4340946.00	0.07959
671025.82	4340946.00	0.06279	671247.13	4340946.00	0.04483
671468.44	4340946.00	0.04136	671689.75	4340946.00	0.04868
671911.06	4340946.00	0.04842	672132.37	4340946.00	0.02673
672353.68	4340946.00	0.03342	672574.99	4340946.00	0.04634
668148.79	4341110.96	0.08134	668370.10	4341110.96	0.08759
668591.41	4341110.96	0.09555	668812.72	4341110.96	0.10193
669034.03	4341110.96	0.10892	669255.34	4341110.96	0.11789
669476.65	4341110.96	0.12414	669697.96	4341110.96	0.13118
669919.27	4341110.96	0.13505	670140.58	4341110.96	0.16865
670361.89	4341110.96	0.15289	670583.20	4341110.96	0.11055
670804.51	4341110.96	0.07888	671025.82	4341110.96	0.06185
671247.13	4341110.96	0.05565	671468.44	4341110.96	0.04699
671689.75	4341110.96	0.06728	671911.06	4341110.96	0.05911
672132.37	4341110.96	0.02956	672353.68	4341110.96	0.02753
672574.99	4341110.96	0.04567	668148.79	4341275.92	0.08761
668370.10	4341275.92	0.09540	668591.41	4341275.92	0.10322
668812.72	4341275.92	0.10957	669034.03	4341275.92	0.12146
669255.34	4341275.92	0.12707	669476.65	4341275.92	0.13811
669697.96	4341275.92	0.14733	669919.27	4341275.92	0.17849
670140.58	4341275.92	0.20822	670361.89	4341275.92	0.18002
670583.20	4341275.92	0.11437	670804.51	4341275.92	0.09017
671025.82	4341275.92	0.07222	671247.13	4341275.92	0.07639
671468.44	4341275.92	0.08957	671689.75	4341275.92	0.09942

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 830

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.07994	672132.37	4341275.92	0.03534
672353.68	4341275.92	0.02447	672574.99	4341275.92	0.04786
668148.79	4341440.88	0.09296	668370.10	4341440.88	0.10431
668591.41	4341440.88	0.11167	668812.72	4341440.88	0.11791
669034.03	4341440.88	0.13534	669255.34	4341440.88	0.14012
669476.65	4341440.88	0.15216	669697.96	4341440.88	0.16301
669919.27	4341440.88	0.21611	670140.58	4341440.88	0.23922
670361.89	4341440.88	0.22644	670583.20	4341440.88	0.15564
670804.51	4341440.88	0.13740	671025.82	4341440.88	0.10182
671689.75	4341440.88	0.15953	671911.06	4341440.88	0.09175
672132.37	4341440.88	0.03924	672353.68	4341440.88	0.03397
672574.99	4341440.88	0.07454	668148.79	4341605.84	0.10844
668370.10	4341605.84	0.11434	668591.41	4341605.84	0.12094
668812.72	4341605.84	0.12913	669034.03	4341605.84	0.13955
669255.34	4341605.84	0.15281	669476.65	4341605.84	0.16996
669697.96	4341605.84	0.18440	669919.27	4341605.84	0.24348
670140.58	4341605.84	0.28218	670361.89	4341605.84	0.26965
670583.20	4341605.84	0.24861	670804.51	4341605.84	0.25802
671025.82	4341605.84	0.18183	671689.75	4341605.84	0.20222
671911.06	4341605.84	0.11894	672132.37	4341605.84	0.05736
672353.68	4341605.84	0.04445	672574.99	4341605.84	0.08456
668148.79	4341770.80	0.11003	668370.10	4341770.80	0.12562
668591.41	4341770.80	0.13237	668812.72	4341770.80	0.14220
669034.03	4341770.80	0.15255	669255.34	4341770.80	0.17846
669476.65	4341770.80	0.18779	669697.96	4341770.80	0.20955
669919.27	4341770.80	0.25620	670140.58	4341770.80	0.29405
670361.89	4341770.80	0.28563	670583.20	4341770.80	0.41946
670804.51	4341770.80	0.58780	671025.82	4341770.80	0.53610
671689.75	4341770.80	0.17993	671911.06	4341770.80	0.14100
672132.37	4341770.80	0.05456	672353.68	4341770.80	0.03926
672574.99	4341770.80	0.09297	668148.79	4341935.76	0.10946
668370.10	4341935.76	0.12697	668591.41	4341935.76	0.14619
668812.72	4341935.76	0.15600	669034.03	4341935.76	0.17109
669255.34	4341935.76	0.20317	669476.65	4341935.76	0.20765
669697.96	4341935.76	0.23371	669919.27	4341935.76	0.23176
670140.58	4341935.76	0.26249	670361.89	4341935.76	0.33161

670583.20	4341935.76	0.55097	670804.51	4341935.76	0.83575
671468.44	4341935.76	0.28927	671689.75	4341935.76	0.17318
671911.06	4341935.76	0.13419	672132.37	4341935.76	0.06275
672353.68	4341935.76	0.04372	672574.99	4341935.76	0.08213

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 831

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.11742	668370.10	4342100.72	0.15379
668591.41	4342100.72	0.16508	668812.72	4342100.72	0.17369
669034.03	4342100.72	0.20983	669255.34	4342100.72	0.23600
669476.65	4342100.72	0.23460	669697.96	4342100.72	0.24904
669919.27	4342100.72	0.28620	670140.58	4342100.72	0.32111
670361.89	4342100.72	0.42139	670583.20	4342100.72	0.63543
671468.44	4342100.72	0.30107	671689.75	4342100.72	0.17632
671911.06	4342100.72	0.14067	672132.37	4342100.72	0.08470
672353.68	4342100.72	0.05593	672574.99	4342100.72	0.08403
668148.79	4342265.68	0.12538	668370.10	4342265.68	0.17410
668591.41	4342265.68	0.17293	668812.72	4342265.68	0.19736
669034.03	4342265.68	0.21612	669255.34	4342265.68	0.23585
669476.65	4342265.68	0.26298	669697.96	4342265.68	0.31820
669919.27	4342265.68	0.35088	670140.58	4342265.68	0.40571
670361.89	4342265.68	0.54908	670583.20	4342265.68	0.75955
670804.51	4342265.68	1.36086	671025.82	4342265.68	4.07586
671247.13	4342265.68	3.23653	671468.44	4342265.68	0.40448
671689.75	4342265.68	0.21559	671911.06	4342265.68	0.14145
672132.37	4342265.68	0.11329	672353.68	4342265.68	0.07946
672574.99	4342265.68	0.11223	668148.79	4342430.64	0.12533
668370.10	4342430.64	0.15380	668591.41	4342430.64	0.17415
668812.72	4342430.64	0.20302	669034.03	4342430.64	0.23767
669255.34	4342430.64	0.28043	669476.65	4342430.64	0.32031
669697.96	4342430.64	0.36458	669919.27	4342430.64	0.42485
670140.58	4342430.64	0.51294	670361.89	4342430.64	0.65048
670583.20	4342430.64	0.92038	670804.51	4342430.64	1.73253
671025.82	4342430.64	8.52388	671247.13	4342430.64	1.28431
671468.44	4342430.64	0.38032	671689.75	4342430.64	0.20520
671911.06	4342430.64	0.13939	672132.37	4342430.64	0.11725
672353.68	4342430.64	0.13816	672574.99	4342430.64	0.12537
668148.79	4342595.60	0.13212	668370.10	4342595.60	0.15677
668591.41	4342595.60	0.18935	668812.72	4342595.60	0.23026

669034.03	4342595.60	0.27896	669255.34	4342595.60	0.33811
669476.65	4342595.60	0.39103	669697.96	4342595.60	0.44221
669919.27	4342595.60	0.51957	670140.58	4342595.60	0.63638
670361.89	4342595.60	0.79064	670583.20	4342595.60	0.97268
670804.51	4342595.60	2.24317	671025.82	4342595.60	5.61186
671247.13	4342595.60	1.08563	671468.44	4342595.60	0.31289
671689.75	4342595.60	0.16513	671911.06	4342595.60	0.11224
672132.37	4342595.60	0.09734	672353.68	4342595.60	0.12721

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** *** 17:19:20

PAGE 832

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.11629	668148.79	4342760.56	0.13906
668370.10	4342760.56	0.17256	668591.41	4342760.56	0.21106
668812.72	4342760.56	0.27122	669034.03	4342760.56	0.35664
669255.34	4342760.56	0.42361	669476.65	4342760.56	0.50670
669697.96	4342760.56	0.52101	669919.27	4342760.56	0.64380
670140.58	4342760.56	0.75155	670361.89	4342760.56	1.00795
670583.20	4342760.56	1.24008	670804.51	4342760.56	4.88853
671025.82	4342760.56	2.05212	671247.13	4342760.56	0.61374
671468.44	4342760.56	0.27696	671689.75	4342760.56	0.15818
671911.06	4342760.56	0.09971	672132.37	4342760.56	0.08400
672353.68	4342760.56	0.10793	672574.99	4342760.56	0.09985
668148.79	4342925.52	0.14020	668370.10	4342925.52	0.17659
668591.41	4342925.52	0.23407	668812.72	4342925.52	0.31567
669034.03	4342925.52	0.44234	669476.65	4342925.52	0.67193
669697.96	4342925.52	0.78179	669919.27	4342925.52	0.73976
670140.58	4342925.52	0.76441	670361.89	4342925.52	1.08044
670583.20	4342925.52	4.48269	670804.51	4342925.52	3.29530
671025.82	4342925.52	0.86284	671247.13	4342925.52	0.46362
671468.44	4342925.52	0.22816	671689.75	4342925.52	0.13983
671911.06	4342925.52	0.09307	672132.37	4342925.52	0.06741
672353.68	4342925.52	0.06938	672574.99	4342925.52	0.07839
668148.79	4343090.48	0.13282	668370.10	4343090.48	0.16949
668591.41	4343090.48	0.24012	669476.65	4343090.48	1.19005
669697.96	4343090.48	1.36906	669919.27	4343090.48	1.51244
670140.58	4343090.48	1.32522	670361.89	4343090.48	3.85600
670583.20	4343090.48	3.37318	670804.51	4343090.48	1.46128
671025.82	4343090.48	0.57056	671247.13	4343090.48	0.35043
671468.44	4343090.48	0.19629	671689.75	4343090.48	0.12257

671911.06	4343090.48	0.08434	672132.37	4343090.48	0.06318
672353.68	4343090.48	0.04795	672574.99	4343090.48	0.04673
668148.79	4343255.44	0.13216	668370.10	4343255.44	0.16758
668591.41	4343255.44	0.23075	669476.65	4343255.44	2.29692
669697.96	4343255.44	8.08381	669919.27	4343255.44	6.29245
670140.58	4343255.44	6.53839	670361.89	4343255.44	3.60509
670583.20	4343255.44	1.67292	670804.51	4343255.44	1.00100
671025.82	4343255.44	0.41807	671247.13	4343255.44	0.26795
671468.44	4343255.44	0.17203	671689.75	4343255.44	0.10779
671911.06	4343255.44	0.07457	672132.37	4343255.44	0.05745
672353.68	4343255.44	0.04563	672574.99	4343255.44	0.03563
668148.79	4343420.40	0.13648	668370.10	4343420.40	0.17011

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.22195	668812.72	4343420.40	0.33501
669034.03	4343420.40	0.62339	669255.34	4343420.40	1.89673
669476.65	4343420.40	4.22214	669697.96	4343420.40	2.38959
669919.27	4343420.40	2.48370	670140.58	4343420.40	1.90603
670361.89	4343420.40	1.44355	670583.20	4343420.40	1.03371
670804.51	4343420.40	0.68854	671025.82	4343420.40	0.38624
671247.13	4343420.40	0.24363	671468.44	4343420.40	0.14378
671689.75	4343420.40	0.09690	671911.06	4343420.40	0.06746
672132.37	4343420.40	0.05093	672353.68	4343420.40	0.04055
672574.99	4343420.40	0.03290	668148.79	4343585.36	0.14133
668370.10	4343585.36	0.17690	668591.41	4343585.36	0.22024
668812.72	4343585.36	0.32218	669034.03	4343585.36	0.54533
669255.34	4343585.36	0.95761	669476.65	4343585.36	1.30389
669697.96	4343585.36	1.22935	669919.27	4343585.36	1.16591
670140.58	4343585.36	1.04640	670361.89	4343585.36	0.88227
670583.20	4343585.36	0.71952	670804.51	4343585.36	0.57310
671025.82	4343585.36	0.40503	671247.13	4343585.36	0.20388
671468.44	4343585.36	0.13393	671689.75	4343585.36	0.09477
671911.06	4343585.36	0.06430	672132.37	4343585.36	0.04841
672353.68	4343585.36	0.03759	672574.99	4343585.36	0.03101
668148.79	4343750.32	0.13959	668370.10	4343750.32	0.16877
668591.41	4343750.32	0.22595	668812.72	4343750.32	0.30023
669034.03	4343750.32	0.38926	669255.34	4343750.32	0.58659
669476.65	4343750.32	0.72234	669697.96	4343750.32	0.76570

669919.27	4343750.32	0.74917	670140.58	4343750.32	0.69338
670361.89	4343750.32	0.62009	670583.20	4343750.32	0.52957
670804.51	4343750.32	0.44297	671025.82	4343750.32	0.36470
671247.13	4343750.32	0.24114	671468.44	4343750.32	0.19122
671689.75	4343750.32	0.14872	671911.06	4343750.32	0.07951
672132.37	4343750.32	0.05105	672353.68	4343750.32	0.03652
672574.99	4343750.32	0.03031	668148.79	4343915.28	0.12963
668370.10	4343915.28	0.16681	668591.41	4343915.28	0.19431
668812.72	4343915.28	0.25909	669034.03	4343915.28	0.32273
669255.34	4343915.28	0.41501	669476.65	4343915.28	0.48917
669697.96	4343915.28	0.51794	669919.27	4343915.28	0.53054
670140.58	4343915.28	0.49808	670361.89	4343915.28	0.45971
670583.20	4343915.28	0.40809	670804.51	4343915.28	0.35280
671025.82	4343915.28	0.29364	671247.13	4343915.28	0.24959
671468.44	4343915.28	0.16179	671689.75	4343915.28	0.10135
671911.06	4343915.28	0.07031	672132.37	4343915.28	0.05481

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 834

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.04125	672574.99	4343915.28	0.03227
668148.79	4344080.24	0.12744	668370.10	4344080.24	0.15771
668591.41	4344080.24	0.18663	668812.72	4344080.24	0.22193
669034.03	4344080.24	0.26655	669255.34	4344080.24	0.31858
669476.65	4344080.24	0.36598	669697.96	4344080.24	0.38778
669919.27	4344080.24	0.38953	670140.58	4344080.24	0.36860
670361.89	4344080.24	0.35876	670583.20	4344080.24	0.32603
670804.51	4344080.24	0.28077	671025.82	4344080.24	0.19510
671247.13	4344080.24	0.20626	671468.44	4344080.24	0.16076
671689.75	4344080.24	0.08088	671911.06	4344080.24	0.05434
672132.37	4344080.24	0.04091	672353.68	4344080.24	0.03392
672574.99	4344080.24	0.02761	671464.71	4342094.27	0.30658
671482.23	4342063.91	0.28402	671498.58	4342030.05	0.25986
671513.75	4341991.52	0.24135	671541.78	4341964.66	0.21794
671575.64	4341974.00	0.19189	671460.75	4342162.97	0.33638
671451.00	4342187.35	0.36387	671510.73	4342219.66	0.31370
671524.14	4342192.84	0.28326	671522.92	4342250.74	0.31893
671599.11	4342252.57	0.25575	671627.76	4342256.84	0.24121
671583.88	4342116.03	0.19908	671595.46	4342071.54	0.18099
671663.12	4342056.30	0.16770	671600.94	4342030.09	0.17824

671526.58	4342155.65	0.25706	671628.98	4342292.19	0.24992
671641.78	4341980.71	0.16802	671666.77	4342018.51	0.16437
671407.11	4342219.66	0.48401	671415.64	4342183.08	0.43833
671635.08	4341706.42	0.20101	671693.59	4341710.08	0.19137
671719.80	4341736.29	0.19186	671673.48	4341630.23	0.20254
671888.04	4341936.22	0.14823	671977.64	4341952.07	0.10510
672039.21	4341894.77	0.07713	671858.17	4341753.96	0.16960
671922.78	4341634.49	0.11717	671613.74	4341791.15	0.19901
671853.29	4341730.80	0.16629	671783.81	4341585.73	0.16864
671783.20	4341546.72	0.16164	671769.18	4341461.38	0.14974
671800.87	4341420.54	0.13111	671880.11	4341427.25	0.10094
672012.39	4341504.66	0.05544	672084.31	4341547.94	0.05524
671915.47	4341478.45	0.09357	671903.28	4341564.40	0.11382
671863.05	4341522.34	0.12495	671830.13	4341336.43	0.11402
671835.62	4341287.66	0.10669	671825.87	4341275.47	0.10636
672136.73	4341370.56	0.03510	671920.34	4341307.17	0.07282
671695.42	4341257.19	0.09342	671682.01	4341176.12	0.07002
671991.66	4341196.23	0.06322	672022.14	4341231.59	0.05725
671992.27	4341177.95	0.05556	671540.60	4341238.29	0.05937
671575.34	4341177.95	0.04949	671454.65	4341196.23	0.05876

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*** AERMET - VERSION 14134 *** ***

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PAGE 835

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.04595	671413.20	4341126.74	0.05504
671471.11	4341064.57	0.04501	671601.55	4341050.55	0.05226
671198.64	4341253.53	0.06658	671278.49	4341212.08	0.06681
671230.34	4341132.84	0.05565	671073.08	4341271.82	0.06909
671122.45	4341373.61	0.08873	671118.79	4341397.38	0.09563
670978.40	4341324.15	0.08133	670932.85	4341394.21	0.09934
670935.19	4341367.36	0.09426	671108.01	4340976.17	0.05424
671286.67	4340978.51	0.04558	671675.37	4342488.78	0.19570
671091.40	4342277.23	7.24003	671051.75	4342332.07	4.78320
671051.75	4342369.20	6.02266	670953.04	4342360.76	2.79327
670695.71	4342235.89	0.95298	670545.53	4342318.58	0.76109
670711.74	4342488.16	1.32710	670648.30	4342501.73	1.07578
670648.30	4342630.87	0.91154	670806.29	4342728.41	3.56294
670688.15	4342739.41	1.09958	670804.92	4342427.55	1.72389
670439.48	4342471.51	0.77432	670358.43	4342578.67	0.77497
670546.64	4342662.47	1.11310	670537.03	4342595.15	0.93859

670483.45	4342776.50	1.19974	670508.17	4342754.52	1.21093
670517.79	4342868.54	1.52811	670545.27	4342850.69	1.45558
670582.36	4342878.16	1.95316	670304.85	4342688.57	0.81514
670039.70	4342661.10	0.63356	670156.48	4342673.46	0.72758
670236.16	4342648.73	0.72739	670071.30	4342738.03	0.73428
669990.24	4342753.14	0.67921	669928.42	4342742.15	0.63605
669815.77	4342673.46	0.52688	669742.96	4342655.60	0.48281
669791.04	4342744.90	0.55811	669696.25	4342731.16	0.50318
669536.88	4342552.57	0.38364	671174.86	4342280.21	7.42514
671068.38	4342169.93	10.11167	670965.71	4342179.44	3.46665
670815.50	4342198.45	1.32065	670737.55	4342097.68	0.88425
670762.27	4342069.16	0.91605	670817.40	4342040.64	1.05669
670895.36	4342025.43	1.43851	670979.02	4341915.15	1.21114
671115.92	4341863.81	1.00153	671199.58	4341770.65	0.58747
671222.39	4341377.07	0.10489	671714.84	4341392.28	0.13875
671366.89	4341998.81	0.66743	671226.19	4342236.48	3.77429
669098.44	4343411.59	0.81985	668908.63	4343364.56	0.42307
668851.52	4343359.52	0.36522	668831.37	4343371.27	0.34717
668733.94	4343302.41	0.29035	668686.91	4343199.95	0.27372
668671.79	4343089.09	0.26884	668806.17	4343001.74	0.32607
668918.71	4343025.26	0.41271	669024.53	4342942.95	0.44679
669288.24	4342916.08	0.58279	669333.59	4342922.80	0.61474
669365.51	4342978.23	0.73388	669336.95	4343151.23	1.59002
669303.36	4343304.09	6.15958	669222.73	4343235.22	3.22147

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	1.22833			

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.01449	668370.10	4340781.04	0.01121
668591.41	4340781.04	0.01143	668812.72	4340781.04	0.01258
669034.03	4340781.04	0.01152	669255.34	4340781.04	0.01109
669476.65	4340781.04	0.01070	669697.96	4340781.04	0.00992
669919.27	4340781.04	0.00870	670140.58	4340781.04	0.00777
670361.89	4340781.04	0.00703	670583.20	4340781.04	0.00625
670804.51	4340781.04	0.00559	671025.82	4340781.04	0.00503
671247.13	4340781.04	0.00468	671468.44	4340781.04	0.00448
671689.75	4340781.04	0.00436	671911.06	4340781.04	0.00426
672132.37	4340781.04	0.00415	672353.68	4340781.04	0.00425
672574.99	4340781.04	0.00434	668148.79	4340946.00	0.02376
668370.10	4340946.00	0.01671	668591.41	4340946.00	0.01541
668812.72	4340946.00	0.01612	669034.03	4340946.00	0.01276
669255.34	4340946.00	0.01278	669476.65	4340946.00	0.01225
669697.96	4340946.00	0.01078	669919.27	4340946.00	0.00946
670140.58	4340946.00	0.00863	670361.89	4340946.00	0.00766
670583.20	4340946.00	0.00678	670804.51	4340946.00	0.00595
671025.82	4340946.00	0.00539	671247.13	4340946.00	0.00503
671468.44	4340946.00	0.00482	671689.75	4340946.00	0.00479
671911.06	4340946.00	0.00475	672132.37	4340946.00	0.00456
672353.68	4340946.00	0.00465	672574.99	4340946.00	0.00475
668148.79	4341110.96	0.02634	668370.10	4341110.96	0.02662
668591.41	4341110.96	0.01772	668812.72	4341110.96	0.01778
669034.03	4341110.96	0.01547	669255.34	4341110.96	0.01601
669476.65	4341110.96	0.01379	669697.96	4341110.96	0.01209
669919.27	4341110.96	0.01099	670140.58	4341110.96	0.00940
670361.89	4341110.96	0.00825	670583.20	4341110.96	0.00716
670804.51	4341110.96	0.00633	671025.82	4341110.96	0.00581
671247.13	4341110.96	0.00552	671468.44	4341110.96	0.00530
671689.75	4341110.96	0.00538	671911.06	4341110.96	0.00533
672132.37	4341110.96	0.00508	672353.68	4341110.96	0.00503
672574.99	4341110.96	0.00513	668148.79	4341275.92	0.02834
668370.10	4341275.92	0.02531	668591.41	4341275.92	0.01929
668812.72	4341275.92	0.01732	669034.03	4341275.92	0.01535
669255.34	4341275.92	0.01649	669476.65	4341275.92	0.01584
669697.96	4341275.92	0.01423	669919.27	4341275.92	0.01192
670140.58	4341275.92	0.01021	670361.89	4341275.92	0.00887
670583.20	4341275.92	0.00766	670804.51	4341275.92	0.00691
671025.82	4341275.92	0.00640	671247.13	4341275.92	0.00618
671468.44	4341275.92	0.00615	671689.75	4341275.92	0.00614

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.00602	672132.37	4341275.92	0.00566
672353.68	4341275.92	0.00543	672574.99	4341275.92	0.00551
668148.79	4341440.88	0.03571	668370.10	4341440.88	0.02860
668591.41	4341440.88	0.02205	668812.72	4341440.88	0.01883
669034.03	4341440.88	0.01841	669255.34	4341440.88	0.02001
669476.65	4341440.88	0.01834	669697.96	4341440.88	0.01607
669919.27	4341440.88	0.01330	670140.58	4341440.88	0.01128
670361.89	4341440.88	0.00968	670583.20	4341440.88	0.00843
670804.51	4341440.88	0.00775	671025.82	4341440.88	0.00723
671689.75	4341440.88	0.00713	671911.06	4341440.88	0.00673
672132.37	4341440.88	0.00623	672353.68	4341440.88	0.00601
672574.99	4341440.88	0.00601	668148.79	4341605.84	0.03966
668370.10	4341605.84	0.02828	668591.41	4341605.84	0.02337
668812.72	4341605.84	0.02304	669034.03	4341605.84	0.02386
669255.34	4341605.84	0.02388	669476.65	4341605.84	0.02156
669697.96	4341605.84	0.01850	669919.27	4341605.84	0.01507
670140.58	4341605.84	0.01271	670361.89	4341605.84	0.01075
670583.20	4341605.84	0.00952	670804.51	4341605.84	0.00896
671025.82	4341605.84	0.00845	671689.75	4341605.84	0.00804
671911.06	4341605.84	0.00747	672132.37	4341605.84	0.00693
672353.68	4341605.84	0.00654	672574.99	4341605.84	0.00642
668148.79	4341770.80	0.06155	668370.10	4341770.80	0.03589
668591.41	4341770.80	0.03580	668812.72	4341770.80	0.03122
669034.03	4341770.80	0.02980	669255.34	4341770.80	0.02804
669476.65	4341770.80	0.02520	669697.96	4341770.80	0.02106
669919.27	4341770.80	0.01727	670140.58	4341770.80	0.01435
670361.89	4341770.80	0.01219	670583.20	4341770.80	0.01115
670804.51	4341770.80	0.01074	671025.82	4341770.80	0.01036
671689.75	4341770.80	0.00870	671911.06	4341770.80	0.00815
672132.37	4341770.80	0.00741	672353.68	4341770.80	0.00689
672574.99	4341770.80	0.00681	668148.79	4341935.76	0.07292
668370.10	4341935.76	0.07113	668591.41	4341935.76	0.04896
668812.72	4341935.76	0.03715	669034.03	4341935.76	0.03612
669255.34	4341935.76	0.03419	669476.65	4341935.76	0.03016
669697.96	4341935.76	0.02451	669919.27	4341935.76	0.01976
670140.58	4341935.76	0.01645	670361.89	4341935.76	0.01445
670583.20	4341935.76	0.01360	670804.51	4341935.76	0.01367
671468.44	4341935.76	0.01029	671689.75	4341935.76	0.00947
671911.06	4341935.76	0.00877	672132.37	4341935.76	0.00796
672353.68	4341935.76	0.00732	672574.99	4341935.76	0.00710

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.09596	668370.10	4342100.72	0.09112
668591.41	4342100.72	0.05811	668812.72	4342100.72	0.04998
669034.03	4342100.72	0.04719	669255.34	4342100.72	0.04520
669476.65	4342100.72	0.03854	669697.96	4342100.72	0.03052
669919.27	4342100.72	0.02435	670140.58	4342100.72	0.02010
670361.89	4342100.72	0.01864	670583.20	4342100.72	0.01837
671468.44	4342100.72	0.01119	671689.75	4342100.72	0.01023
671911.06	4342100.72	0.00942	672132.37	4342100.72	0.00857
672353.68	4342100.72	0.00782	672574.99	4342100.72	0.00745
668148.79	4342265.68	0.13777	668370.10	4342265.68	0.12869
668591.41	4342265.68	0.12868	668812.72	4342265.68	0.10319
669034.03	4342265.68	0.08718	669255.34	4342265.68	0.07045
669476.65	4342265.68	0.05691	669697.96	4342265.68	0.04108
669919.27	4342265.68	0.03261	670140.58	4342265.68	0.02720
670361.89	4342265.68	0.02518	670583.20	4342265.68	0.02237
670804.51	4342265.68	0.01921	671025.82	4342265.68	0.01607
671247.13	4342265.68	0.01420	671468.44	4342265.68	0.01235
671689.75	4342265.68	0.01109	671911.06	4342265.68	0.01002
672132.37	4342265.68	0.00915	672353.68	4342265.68	0.00836
672574.99	4342265.68	0.00792	668148.79	4342430.64	0.14381
668370.10	4342430.64	0.19007	668591.41	4342430.64	0.21393
668812.72	4342430.64	0.24534	669034.03	4342430.64	0.25975
669255.34	4342430.64	0.21919	669476.65	4342430.64	0.09402
669697.96	4342430.64	0.06718	669919.27	4342430.64	0.04871
670140.58	4342430.64	0.04017	670361.89	4342430.64	0.03269
670583.20	4342430.64	0.02548	670804.51	4342430.64	0.02150
671025.82	4342430.64	0.01821	671247.13	4342430.64	0.01525
671468.44	4342430.64	0.01331	671689.75	4342430.64	0.01177
671911.06	4342430.64	0.01055	672132.37	4342430.64	0.00960
672353.68	4342430.64	0.00891	672574.99	4342430.64	0.00836
668148.79	4342595.60	0.18109	668370.10	4342595.60	0.24405
668591.41	4342595.60	0.32410	668812.72	4342595.60	0.40923
669034.03	4342595.60	0.45506	669255.34	4342595.60	0.37000
669476.65	4342595.60	0.27569	669697.96	4342595.60	0.09849
669919.27	4342595.60	0.07431	670140.58	4342595.60	0.05090
670361.89	4342595.60	0.03805	670583.20	4342595.60	0.02879
670804.51	4342595.60	0.02372	671025.82	4342595.60	0.01991
671247.13	4342595.60	0.01665	671468.44	4342595.60	0.01407
671689.75	4342595.60	0.01227	671911.06	4342595.60	0.01091


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672132.37 4342595.60 0.00990 672353.68 4342595.60 0.00917
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20
PAGE 840
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP4 ***

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INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF VARIOUS IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.00851	668148.79	4342760.56	0.22841
668370.10	4342760.56	0.38781	668591.41	4342760.56	0.53301
668812.72	4342760.56	0.74484	669034.03	4342760.56	0.68661
669255.34	4342760.56	0.49804	669476.65	4342760.56	0.36732
669697.96	4342760.56	0.13225	669919.27	4342760.56	0.08882
670140.58	4342760.56	0.05849	670361.89	4342760.56	0.04296
670583.20	4342760.56	0.03220	670804.51	4342760.56	0.02572
671025.82	4342760.56	0.02099	671247.13	4342760.56	0.01730
671468.44	4342760.56	0.01468	671689.75	4342760.56	0.01273
671911.06	4342760.56	0.01116	672132.37	4342760.56	0.01007
672353.68	4342760.56	0.00932	672574.99	4342760.56	0.00857
668148.79	4342925.52	0.25718	668370.10	4342925.52	0.48458
668591.41	4342925.52	0.97816	668812.72	4342925.52	1.62953
669034.03	4342925.52	2.96874	669476.65	4342925.52	0.59037
669697.96	4342925.52	0.18912	669919.27	4342925.52	0.10374
670140.58	4342925.52	0.06634	670361.89	4342925.52	0.04663
670583.20	4342925.52	0.03544	670804.51	4342925.52	0.02731
671025.82	4342925.52	0.02134	671247.13	4342925.52	0.01775
671468.44	4342925.52	0.01489	671689.75	4342925.52	0.01287
671911.06	4342925.52	0.01126	672132.37	4342925.52	0.01000
672353.68	4342925.52	0.00922	672574.99	4342925.52	0.00854
668148.79	4343090.48	0.23662	668370.10	4343090.48	0.47853
668591.41	4343090.48	1.50285	669476.65	4343090.48	0.91690
669697.96	4343090.48	0.24650	669919.27	4343090.48	0.11798
670140.58	4343090.48	0.06956	670361.89	4343090.48	0.04984
670583.20	4343090.48	0.03769	670804.51	4343090.48	0.02757
671025.82	4343090.48	0.02104	671247.13	4343090.48	0.01748
671468.44	4343090.48	0.01466	671689.75	4343090.48	0.01261
671911.06	4343090.48	0.01104	672132.37	4343090.48	0.00981
672353.68	4343090.48	0.00880	672574.99	4343090.48	0.00814
668148.79	4343255.44	0.21610	668370.10	4343255.44	0.44878
668591.41	4343255.44	1.73796	669476.65	4343255.44	0.63128
669697.96	4343255.44	0.21677	669919.27	4343255.44	0.10816
670140.58	4343255.44	0.06701	670361.89	4343255.44	0.04809
670583.20	4343255.44	0.03680	670804.51	4343255.44	0.02663

671025.82	4343255.44	0.01959	671247.13	4343255.44	0.01628
671468.44	4343255.44	0.01382	671689.75	4343255.44	0.01186
671911.06	4343255.44	0.01040	672132.37	4343255.44	0.00928
672353.68	4343255.44	0.00837	672574.99	4343255.44	0.00757
668148.79	4343420.40	0.20209	668370.10	4343420.40	0.41947

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	1.26639	668812.72	4343420.40	3.65010
669034.03	4343420.40	4.40507	669255.34	4343420.40	2.11392
669476.65	4343420.40	0.73292	669697.96	4343420.40	0.17134
669919.27	4343420.40	0.09533	670140.58	4343420.40	0.06708
670361.89	4343420.40	0.04589	670583.20	4343420.40	0.03384
670804.51	4343420.40	0.02349	671025.82	4343420.40	0.01788
671247.13	4343420.40	0.01479	671468.44	4343420.40	0.01243
671689.75	4343420.40	0.01081	671911.06	4343420.40	0.00953
672132.37	4343420.40	0.00853	672353.68	4343420.40	0.00773
672574.99	4343420.40	0.00704	668148.79	4343585.36	0.20998
668370.10	4343585.36	0.43642	668591.41	4343585.36	0.95701
668812.72	4343585.36	2.03382	669034.03	4343585.36	2.09941
669255.34	4343585.36	1.09634	669476.65	4343585.36	0.41376
669697.96	4343585.36	0.22510	669919.27	4343585.36	0.11077
670140.58	4343585.36	0.06435	670361.89	4343585.36	0.04298
670583.20	4343585.36	0.03044	670804.51	4343585.36	0.02220
671025.82	4343585.36	0.01695	671247.13	4343585.36	0.01296
671468.44	4343585.36	0.01108	671689.75	4343585.36	0.00976
671911.06	4343585.36	0.00865	672132.37	4343585.36	0.00781
672353.68	4343585.36	0.00711	672574.99	4343585.36	0.00654
668148.79	4343750.32	0.23537	668370.10	4343750.32	0.38170
668591.41	4343750.32	0.79449	668812.72	4343750.32	1.25690
669034.03	4343750.32	1.14145	669255.34	4343750.32	0.68235
669476.65	4343750.32	0.31532	669697.96	4343750.32	0.15613
669919.27	4343750.32	0.09194	670140.58	4343750.32	0.05582
670361.89	4343750.32	0.03707	670583.20	4343750.32	0.02855
670804.51	4343750.32	0.02195	671025.82	4343750.32	0.01687
671247.13	4343750.32	0.01244	671468.44	4343750.32	0.01062
671689.75	4343750.32	0.00927	671911.06	4343750.32	0.00798
672132.37	4343750.32	0.00711	672353.68	4343750.32	0.00646
672574.99	4343750.32	0.00601	668148.79	4343915.28	0.22990

668370.10	4343915.28	0.36610	668591.41	4343915.28	0.58985
668812.72	4343915.28	0.81982	669034.03	4343915.28	0.75424
669255.34	4343915.28	0.47784	669476.65	4343915.28	0.24371
669697.96	4343915.28	0.13026	669919.27	4343915.28	0.07814
670140.58	4343915.28	0.04802	670361.89	4343915.28	0.03444
670583.20	4343915.28	0.02568	670804.51	4343915.28	0.02002
671025.82	4343915.28	0.01526	671247.13	4343915.28	0.01333
671468.44	4343915.28	0.00988	671689.75	4343915.28	0.00823
671911.06	4343915.28	0.00713	672132.37	4343915.28	0.00646

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.00591	672574.99	4343915.28	0.00547
668148.79	4344080.24	0.22441	668370.10	4344080.24	0.33386
668591.41	4344080.24	0.47300	668812.72	4344080.24	0.58199
669034.03	4344080.24	0.53476	669255.34	4344080.24	0.35925
669476.65	4344080.24	0.20681	669697.96	4344080.24	0.11401
669919.27	4344080.24	0.06653	670140.58	4344080.24	0.04035
670361.89	4344080.24	0.03178	670583.20	4344080.24	0.02372
670804.51	4344080.24	0.01784	671025.82	4344080.24	0.01350
671247.13	4344080.24	0.01226	671468.44	4344080.24	0.01031
671689.75	4344080.24	0.00762	671911.06	4344080.24	0.00639
672132.37	4344080.24	0.00568	672353.68	4344080.24	0.00523
672574.99	4344080.24	0.00484	671464.71	4342094.27	0.01118
671482.23	4342063.91	0.01092	671498.58	4342030.05	0.01064
671513.75	4341991.52	0.01036	671541.78	4341964.66	0.01010
671575.64	4341974.00	0.00999	671460.75	4342162.97	0.01164
671451.00	4342187.35	0.01186	671510.73	4342219.66	0.01175
671524.14	4342192.84	0.01149	671522.92	4342250.74	0.01190
671599.11	4342252.57	0.01148	671627.76	4342256.84	0.01135
671583.88	4342116.03	0.01067	671595.46	4342071.54	0.01036
671663.12	4342056.30	0.01007	671600.94	4342030.09	0.01015
671526.58	4342155.65	0.01121	671628.98	4342292.19	0.01154
671641.78	4341980.71	0.00979	671666.77	4342018.51	0.00988
671407.11	4342219.66	0.01240	671415.64	4342183.08	0.01208
671635.08	4341706.42	0.00854	671693.59	4341710.08	0.00845
671719.80	4341736.29	0.00852	671673.48	4341630.23	0.00815
671888.04	4341936.22	0.00886	671977.64	4341952.07	0.00859
672039.21	4341894.77	0.00813	671858.17	4341753.96	0.00828

671922.78	4341634.49	0.00756	671613.74	4341791.15	0.00899
671853.29	4341730.80	0.00819	671783.81	4341585.73	0.00773
671783.20	4341546.72	0.00754	671769.18	4341461.38	0.00714
671800.87	4341420.54	0.00688	671880.11	4341427.25	0.00673
672012.39	4341504.66	0.00669	672084.31	4341547.94	0.00678
671915.47	4341478.45	0.00688	671903.28	4341564.40	0.00731
671863.05	4341522.34	0.00722	671830.13	4341336.43	0.00643
671835.62	4341287.66	0.00620	671825.87	4341275.47	0.00615
672136.73	4341370.56	0.00595	671920.34	4341307.17	0.00612
671695.42	4341257.19	0.00604	671682.01	4341176.12	0.00563
671991.66	4341196.23	0.00564	672022.14	4341231.59	0.00573
671992.27	4341177.95	0.00554	671540.60	4341238.29	0.00582
671575.34	4341177.95	0.00552	671454.65	4341196.23	0.00567

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.00530	671413.20	4341126.74	0.00543
671471.11	4341064.57	0.00515	671601.55	4341050.55	0.00512
671198.64	4341253.53	0.00609	671278.49	4341212.08	0.00587
671230.34	4341132.84	0.00560	671073.08	4341271.82	0.00630
671122.45	4341373.61	0.00675	671118.79	4341397.38	0.00689
670978.40	4341324.15	0.00670	670932.85	4341394.21	0.00715
670935.19	4341367.36	0.00701	671108.01	4340976.17	0.00531
671286.67	4340978.51	0.00507	671675.37	4342488.78	0.01205
671091.40	4342277.23	0.01562	671051.75	4342332.07	0.01655
671051.75	4342369.20	0.01702	670953.04	4342360.76	0.01804
670695.71	4342235.89	0.01969	670545.53	4342318.58	0.02412
670711.74	4342488.16	0.02377	670648.30	4342501.73	0.02524
670648.30	4342630.87	0.02743	670806.29	4342728.41	0.02530
670688.15	4342739.41	0.02812	670804.92	4342427.55	0.02145
670439.48	4342471.51	0.03103	670358.43	4342578.67	0.03766
670546.64	4342662.47	0.03168	670537.03	4342595.15	0.03028
670483.45	4342776.50	0.03677	670508.17	4342754.52	0.03519
670517.79	4342868.54	0.03698	670545.27	4342850.69	0.03534
670582.36	4342878.16	0.03426	670304.85	4342688.57	0.04385
670039.70	4342661.10	0.06450	670156.48	4342673.46	0.05379
670236.16	4342648.73	0.04670	670071.30	4342738.03	0.06544
669990.24	4342753.14	0.07699	669928.42	4342742.15	0.08569
669815.77	4342673.46	0.09145	669742.96	4342655.60	0.09719

669791.04	4342744.90	0.10817	669696.25	4342731.16	0.12355
669536.88	4342552.57	0.21993	671174.86	4342280.21	0.01497
671068.38	4342169.93	0.01486	670965.71	4342179.44	0.01589
670815.50	4342198.45	0.01805	670737.55	4342097.68	0.01725
670762.27	4342069.16	0.01653	670817.40	4342040.64	0.01561
670895.36	4342025.43	0.01480	670979.02	4341915.15	0.01280
671115.92	4341863.81	0.01157	671199.58	4341770.65	0.01037
671222.39	4341377.07	0.00675	671714.84	4341392.28	0.00681
671366.89	4341998.81	0.01133	671226.19	4342236.48	0.01414
669098.44	4343411.59	4.12653	668908.63	4343364.56	6.27596
668851.52	4343359.52	5.83025	668831.37	4343371.27	4.87429
668733.94	4343302.41	5.36328	668686.91	4343199.95	5.41771
668671.79	4343089.09	4.54097	668806.17	4343001.74	4.60549
668918.71	4343025.26	6.26821	669024.53	4342942.95	4.53249
669288.24	4342916.08	2.93362	669333.59	4342922.80	2.02200
669365.51	4342978.23	3.75147	669336.95	4343151.23	4.92907
669303.36	4343304.09	3.26983	669222.73	4343235.22	7.37942

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 7.75825

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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PAGE 845

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	0.02859	668370.10	4340781.04	0.03279
668591.41	4340781.04	0.03734	668812.72	4340781.04	0.04246
669034.03	4340781.04	0.04932	669255.34	4340781.04	0.05795
669476.65	4340781.04	0.06775	669697.96	4340781.04	0.08061
669919.27	4340781.04	0.12611	670140.58	4340781.04	0.15773
670361.89	4340781.04	0.18012	670583.20	4340781.04	0.16903
670804.51	4340781.04	0.15169	671025.82	4340781.04	0.10372
671247.13	4340781.04	0.09818	671468.44	4340781.04	0.10536
671689.75	4340781.04	0.11570	671911.06	4340781.04	0.10470
672132.37	4340781.04	0.07801	672353.68	4340781.04	0.07462
672574.99	4340781.04	0.07131	668148.79	4340946.00	0.02787
668370.10	4340946.00	0.03215	668591.41	4340946.00	0.03686
668812.72	4340946.00	0.04229	669034.03	4340946.00	0.05011
669255.34	4340946.00	0.05917	669476.65	4340946.00	0.06998
669697.96	4340946.00	0.08780	669919.27	4340946.00	0.13130
670140.58	4340946.00	0.17066	670361.89	4340946.00	0.21383
670583.20	4340946.00	0.25105	670804.51	4340946.00	0.22373
671025.82	4340946.00	0.15524	671247.13	4340946.00	0.12787
671468.44	4340946.00	0.13488	671689.75	4340946.00	0.17126
671911.06	4340946.00	0.16803	672132.37	4340946.00	0.08652
672353.68	4340946.00	0.08055	672574.99	4340946.00	0.09160
668148.79	4341110.96	0.02769	668370.10	4341110.96	0.03130
668591.41	4341110.96	0.03657	668812.72	4341110.96	0.04228
669034.03	4341110.96	0.04980	669255.34	4341110.96	0.05856
669476.65	4341110.96	0.07140	669697.96	4341110.96	0.09214
669919.27	4341110.96	0.11085	670140.58	4341110.96	0.17021
670361.89	4341110.96	0.21545	670583.20	4341110.96	0.25764
670804.51	4341110.96	0.27522	671025.82	4341110.96	0.23325
671247.13	4341110.96	0.20647	671468.44	4341110.96	0.21421
671689.75	4341110.96	0.30121	671911.06	4341110.96	0.23000
672132.37	4341110.96	0.11356	672353.68	4341110.96	0.10003
672574.99	4341110.96	0.11824	668148.79	4341275.92	0.02763
668370.10	4341275.92	0.03135	668591.41	4341275.92	0.03629
668812.72	4341275.92	0.04242	669034.03	4341275.92	0.05042
669255.34	4341275.92	0.05956	669476.65	4341275.92	0.07141
669697.96	4341275.92	0.08866	669919.27	4341275.92	0.11983
670140.58	4341275.92	0.13648	670361.89	4341275.92	0.18096
670583.20	4341275.92	0.22565	670804.51	4341275.92	0.33410
671025.82	4341275.92	0.40344	671247.13	4341275.92	0.44606
671468.44	4341275.92	0.63008	671689.75	4341275.92	0.59337

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.34931	672132.37	4341275.92	0.18378
672353.68	4341275.92	0.13293	672574.99	4341275.92	0.14713
668148.79	4341440.88	0.02731	668370.10	4341440.88	0.03118
668591.41	4341440.88	0.03591	668812.72	4341440.88	0.04213
669034.03	4341440.88	0.04964	669255.34	4341440.88	0.05839
669476.65	4341440.88	0.07069	669697.96	4341440.88	0.08813
669919.27	4341440.88	0.08875	670140.58	4341440.88	0.09921
670361.89	4341440.88	0.13454	670583.20	4341440.88	0.18591
670804.51	4341440.88	0.36920	671025.82	4341440.88	0.63888
671689.75	4341440.88	1.73678	671911.06	4341440.88	0.59904
672132.37	4341440.88	0.28171	672353.68	4341440.88	0.19877
672574.99	4341440.88	0.20477	668148.79	4341605.84	0.02758
668370.10	4341605.84	0.03133	668591.41	4341605.84	0.03582
668812.72	4341605.84	0.04140	669034.03	4341605.84	0.04836
669255.34	4341605.84	0.05744	669476.65	4341605.84	0.06957
669697.96	4341605.84	0.08477	669919.27	4341605.84	0.07249
670140.58	4341605.84	0.08589	670361.89	4341605.84	0.09865
670583.20	4341605.84	0.14406	670804.51	4341605.84	0.33884
671025.82	4341605.84	0.73129	671689.75	4341605.84	3.04022
671911.06	4341605.84	0.90554	672132.37	4341605.84	0.41427
672353.68	4341605.84	0.25286	672574.99	4341605.84	0.22508
668148.79	4341770.80	0.02691	668370.10	4341770.80	0.03106
668591.41	4341770.80	0.03493	668812.72	4341770.80	0.04041
669034.03	4341770.80	0.04754	669255.34	4341770.80	0.05686
669476.65	4341770.80	0.06567	669697.96	4341770.80	0.06384
669919.27	4341770.80	0.06681	670140.58	4341770.80	0.07596
670361.89	4341770.80	0.08366	670583.20	4341770.80	0.14824
670804.51	4341770.80	0.40006	671025.82	4341770.80	1.12139
671689.75	4341770.80	2.44009	671911.06	4341770.80	0.92527
672132.37	4341770.80	0.39351	672353.68	4341770.80	0.22652
672574.99	4341770.80	0.22664	668148.79	4341935.76	0.02600
668370.10	4341935.76	0.02978	668591.41	4341935.76	0.03441
668812.72	4341935.76	0.03999	669034.03	4341935.76	0.04700
669255.34	4341935.76	0.05330	669476.65	4341935.76	0.05018
669697.96	4341935.76	0.04696	669919.27	4341935.76	0.04723
670140.58	4341935.76	0.05965	670361.89	4341935.76	0.08707
670583.20	4341935.76	0.19979	670804.51	4341935.76	0.52542
671468.44	4341935.76	4.61973	671689.75	4341935.76	1.51007
671911.06	4341935.76	0.71324	672132.37	4341935.76	0.34035
672353.68	4341935.76	0.20199	672574.99	4341935.76	0.18851

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.02586	668370.10	4342100.72	0.02979
668591.41	4342100.72	0.03433	668812.72	4342100.72	0.03937
669034.03	4342100.72	0.04611	669255.34	4342100.72	0.05372
669476.65	4342100.72	0.04956	669697.96	4342100.72	0.05316
669919.27	4342100.72	0.06516	670140.58	4342100.72	0.07547
670361.89	4342100.72	0.16652	670583.20	4342100.72	0.26459
671468.44	4342100.72	1.97765	671689.75	4342100.72	0.95912
671911.06	4342100.72	0.52848	672132.37	4342100.72	0.30016
672353.68	4342100.72	0.18679	672574.99	4342100.72	0.17217
668148.79	4342265.68	0.02565	668370.10	4342265.68	0.02942
668591.41	4342265.68	0.03274	668812.72	4342265.68	0.03762
669034.03	4342265.68	0.04368	669255.34	4342265.68	0.05211
669476.65	4342265.68	0.06242	669697.96	4342265.68	0.07584
669919.27	4342265.68	0.09520	670140.58	4342265.68	0.12335
670361.89	4342265.68	0.16531	670583.20	4342265.68	0.23900
670804.51	4342265.68	0.39051	671025.82	4342265.68	0.73138
671247.13	4342265.68	1.23892	671468.44	4342265.68	1.20376
671689.75	4342265.68	0.71780	671911.06	4342265.68	0.40193
672132.37	4342265.68	0.26802	672353.68	4342265.68	0.18480
672574.99	4342265.68	0.17791	668148.79	4342430.64	0.02439
668370.10	4342430.64	0.02816	668591.41	4342430.64	0.03103
668812.72	4342430.64	0.03520	669034.03	4342430.64	0.04057
669255.34	4342430.64	0.04780	669476.65	4342430.64	0.05850
669697.96	4342430.64	0.07050	669919.27	4342430.64	0.08802
670140.58	4342430.64	0.11161	670361.89	4342430.64	0.14980
670583.20	4342430.64	0.23949	670804.51	4342430.64	0.36703
671025.82	4342430.64	0.57161	671247.13	4342430.64	0.75534
671468.44	4342430.64	0.77065	671689.75	4342430.64	0.52152
671911.06	4342430.64	0.31957	672132.37	4342430.64	0.22392
672353.68	4342430.64	0.19699	672574.99	4342430.64	0.16138
668148.79	4342595.60	0.02417	668370.10	4342595.60	0.02685
668591.41	4342595.60	0.03024	668812.72	4342595.60	0.03442
669034.03	4342595.60	0.03960	669255.34	4342595.60	0.04645
669476.65	4342595.60	0.05433	669697.96	4342595.60	0.06729
669919.27	4342595.60	0.08125	670140.58	4342595.60	0.10550
670361.89	4342595.60	0.14052	670583.20	4342595.60	0.20172
670804.51	4342595.60	0.30362	671025.82	4342595.60	0.43719
671247.13	4342595.60	0.55932	671468.44	4342595.60	0.52364
671689.75	4342595.60	0.37589	671911.06	4342595.60	0.24480
672132.37	4342595.60	0.17901	672353.68	4342595.60	0.15948

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.14500	668148.79	4342760.56	0.02415
668370.10	4342760.56	0.02708	668591.41	4342760.56	0.02993
668812.72	4342760.56	0.03408	669034.03	4342760.56	0.03956
669255.34	4342760.56	0.04595	669476.65	4342760.56	0.05296
669697.96	4342760.56	0.06607	669919.27	4342760.56	0.07978
670140.58	4342760.56	0.11282	670361.89	4342760.56	0.15345
670583.20	4342760.56	0.17780	670804.51	4342760.56	0.24520
671025.82	4342760.56	0.32963	671247.13	4342760.56	0.39321
671468.44	4342760.56	0.38521	671689.75	4342760.56	0.30141
671911.06	4342760.56	0.19961	672132.37	4342760.56	0.14693
672353.68	4342760.56	0.13187	672574.99	4342760.56	0.10968
668148.79	4342925.52	0.02373	668370.10	4342925.52	0.02643
668591.41	4342925.52	0.02988	668812.72	4342925.52	0.03339
669034.03	4342925.52	0.03806	669476.65	4342925.52	0.05132
669697.96	4342925.52	0.06309	669919.27	4342925.52	0.08520
670140.58	4342925.52	0.10779	670361.89	4342925.52	0.13824
670583.20	4342925.52	0.17639	670804.51	4342925.52	0.21809
671025.82	4342925.52	0.24509	671247.13	4342925.52	0.30232
671468.44	4342925.52	0.28870	671689.75	4342925.52	0.23883
671911.06	4342925.52	0.16956	672132.37	4342925.52	0.11776
672353.68	4342925.52	0.10092	672574.99	4342925.52	0.09047
668148.79	4343090.48	0.02262	668370.10	4343090.48	0.02522
668591.41	4343090.48	0.02901	669476.65	4343090.48	0.04863
669697.96	4343090.48	0.05835	669919.27	4343090.48	0.07096
670140.58	4343090.48	0.10296	670361.89	4343090.48	0.10723
670583.20	4343090.48	0.13578	670804.51	4343090.48	0.18600
671025.82	4343090.48	0.19974	671247.13	4343090.48	0.23766
671468.44	4343090.48	0.22791	671689.75	4343090.48	0.19270
671911.06	4343090.48	0.14403	672132.37	4343090.48	0.10527
672353.68	4343090.48	0.07571	672574.99	4343090.48	0.06535
668148.79	4343255.44	0.02217	668370.10	4343255.44	0.02456
668591.41	4343255.44	0.02763	669476.65	4343255.44	0.04733
669697.96	4343255.44	0.05551	669919.27	4343255.44	0.06645
670140.58	4343255.44	0.07993	670361.89	4343255.44	0.09690
670583.20	4343255.44	0.12009	670804.51	4343255.44	0.15347
671025.82	4343255.44	0.16740	671247.13	4343255.44	0.19061
671468.44	4343255.44	0.18656	671689.75	4343255.44	0.15902
671911.06	4343255.44	0.12312	672132.37	4343255.44	0.09315
672353.68	4343255.44	0.07017	672574.99	4343255.44	0.05242
668148.79	4343420.40	0.02209	668370.10	4343420.40	0.02419

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.02652	668812.72	4343420.40	0.02982
669034.03	4343420.40	0.03346	669255.34	4343420.40	0.03799
669476.65	4343420.40	0.04374	669697.96	4343420.40	0.05287
669919.27	4343420.40	0.06185	670140.58	4343420.40	0.07221
670361.89	4343420.40	0.08741	670583.20	4343420.40	0.10750
670804.51	4343420.40	0.13436	671025.82	4343420.40	0.15371
671247.13	4343420.40	0.16507	671468.44	4343420.40	0.15290
671689.75	4343420.40	0.13475	671911.06	4343420.40	0.10734
672132.37	4343420.40	0.08176	672353.68	4343420.40	0.06262
672574.99	4343420.40	0.04832	668148.79	4343585.36	0.02205
668370.10	4343585.36	0.02412	668591.41	4343585.36	0.02600
668812.72	4343585.36	0.02931	669034.03	4343585.36	0.03313
669255.34	4343585.36	0.03741	669476.65	4343585.36	0.04257
669697.96	4343585.36	0.04831	669919.27	4343585.36	0.05633
670140.58	4343585.36	0.06647	670361.89	4343585.36	0.07976
670583.20	4343585.36	0.09717	670804.51	4343585.36	0.11764
671025.82	4343585.36	0.13645	671247.13	4343585.36	0.14037
671468.44	4343585.36	0.13246	671689.75	4343585.36	0.11984
671911.06	4343585.36	0.09692	672132.37	4343585.36	0.07536
672353.68	4343585.36	0.05788	672574.99	4343585.36	0.04541
668148.79	4343750.32	0.02138	668370.10	4343750.32	0.02373
668591.41	4343750.32	0.02599	668812.72	4343750.32	0.02864
669034.03	4343750.32	0.03275	669255.34	4343750.32	0.03672
669476.65	4343750.32	0.04089	669697.96	4343750.32	0.04621
669919.27	4343750.32	0.05297	670140.58	4343750.32	0.06194
670361.89	4343750.32	0.07393	670583.20	4343750.32	0.08787
670804.51	4343750.32	0.10366	671025.82	4343750.32	0.11794
671247.13	4343750.32	0.12535	671468.44	4343750.32	0.12301
671689.75	4343750.32	0.11396	671911.06	4343750.32	0.09515
672132.37	4343750.32	0.07273	672353.68	4343750.32	0.05513
672574.99	4343750.32	0.04390	668148.79	4343915.28	0.02062
668370.10	4343915.28	0.02299	668591.41	4343915.28	0.02555
668812.72	4343915.28	0.02819	669034.03	4343915.28	0.03169
669255.34	4343915.28	0.03552	669476.65	4343915.28	0.03954
669697.96	4343915.28	0.04397	669919.27	4343915.28	0.04989
670140.58	4343915.28	0.05803	670361.89	4343915.28	0.06802
670583.20	4343915.28	0.08021	670804.51	4343915.28	0.09293
671025.82	4343915.28	0.10406	671247.13	4343915.28	0.10931
671468.44	4343915.28	0.10648	671689.75	4343915.28	0.09871

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671911.06 4343915.28 0.08402 672132.37 4343915.28 0.06920
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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PAGE 850
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP5 ***

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INCLUDING SOURCE(S): 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 , ... ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF VARIOUS IN MICROGRAMS/M**3 **

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X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.05616	672574.99	4343915.28	0.04466
668148.79	4344080.24	0.02022	668370.10	4344080.24	0.02223
668591.41	4344080.24	0.02470	668812.72	4344080.24	0.02746
669034.03	4344080.24	0.03061	669255.34	4344080.24	0.03413
669476.65	4344080.24	0.03749	669697.96	4344080.24	0.04174
669919.27	4344080.24	0.04728	670140.58	4344080.24	0.05497
670361.89	4344080.24	0.06287	670583.20	4344080.24	0.07319
670804.51	4344080.24	0.08393	671025.82	4344080.24	0.09184
671247.13	4344080.24	0.09635	671468.44	4344080.24	0.09583
671689.75	4344080.24	0.08436	671911.06	4344080.24	0.07127
672132.37	4344080.24	0.05863	672353.68	4344080.24	0.04859
672574.99	4344080.24	0.03974	671464.71	4342094.27	2.05922
671482.23	4342063.91	2.23482	671498.58	4342030.05	2.42973
671513.75	4341991.52	2.70512	671541.78	4341964.66	2.65678
671575.64	4341974.00	2.11094	671460.75	4342162.97	1.61219
671451.00	4342187.35	1.51997	671510.73	4342219.66	1.24307
671524.14	4342192.84	1.28222	671522.92	4342250.74	1.12513
671599.11	4342252.57	0.93164	671627.76	4342256.84	0.85807
671583.88	4342116.03	1.25150	671595.46	4342071.54	1.33875
671663.12	4342056.30	1.13238	671600.94	4342030.09	1.51526
671526.58	4342155.65	1.38472	671628.98	4342292.19	0.80108
671641.78	4341980.71	1.53165	671666.77	4342018.51	1.24277
671407.11	4342219.66	1.46989	671415.64	4342183.08	1.64244
671635.08	4341706.42	4.07386	671693.59	4341710.08	2.75428
671719.80	4341736.29	2.30956	671673.48	4341630.23	3.43233
671888.04	4341936.22	0.77271	671977.64	4341952.07	0.55609
672039.21	4341894.77	0.47984	671858.17	4341753.96	1.20297
671922.78	4341634.49	0.88602	671613.74	4341791.15	3.68763
671853.29	4341730.80	1.24429	671783.81	4341585.73	1.70319
671783.20	4341546.72	1.58027	671769.18	4341461.38	1.31275
671800.87	4341420.54	0.92527	671880.11	4341427.25	0.64424
672012.39	4341504.66	0.45467	672084.31	4341547.94	0.42555
671915.47	4341478.45	0.66134	671903.28	4341564.40	0.87348
671863.05	4341522.34	0.95606	671830.13	4341336.43	0.60853
671835.62	4341287.66	0.51487	671825.87	4341275.47	0.51130

672136.73	4341370.56	0.22935	671920.34	4341307.17	0.35964
671695.42	4341257.19	0.53701	671682.01	4341176.12	0.36346
671991.66	4341196.23	0.23500	672022.14	4341231.59	0.23217
671992.27	4341177.95	0.21020	671540.60	4341238.29	0.38754
671575.34	4341177.95	0.28053	671454.65	4341196.23	0.32099

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.22145	671413.20	4341126.74	0.24133
671471.11	4341064.57	0.18542	671601.55	4341050.55	0.21826
671198.64	4341253.53	0.36467	671278.49	4341212.08	0.31775
671230.34	4341132.84	0.21498	671073.08	4341271.82	0.39631
671122.45	4341373.61	0.66700	671118.79	4341397.38	0.74410
670978.40	4341324.15	0.45175	670932.85	4341394.21	0.48194
670935.19	4341367.36	0.46898	671108.01	4340976.17	0.14251
671286.67	4340978.51	0.14092	671675.37	4342488.78	0.47648
671091.40	4342277.23	0.85398	671051.75	4342332.07	0.68542
671051.75	4342369.20	0.65208	670953.04	4342360.76	0.53315
670695.71	4342235.89	0.31254	670545.53	4342318.58	0.21703
670711.74	4342488.16	0.29273	670648.30	4342501.73	0.25027
670648.30	4342630.87	0.19455	670806.29	4342728.41	0.25316
670688.15	4342739.41	0.18609	670804.92	4342427.55	0.36326
670439.48	4342471.51	0.16723	670358.43	4342578.67	0.14094
670546.64	4342662.47	0.19467	670537.03	4342595.15	0.19647
670483.45	4342776.50	0.16758	670508.17	4342754.52	0.17369
670517.79	4342868.54	0.16495	670545.27	4342850.69	0.16586
670582.36	4342878.16	0.17181	670304.85	4342688.57	0.13776
670039.70	4342661.10	0.09200	670156.48	4342673.46	0.10526
670236.16	4342648.73	0.11689	670071.30	4342738.03	0.09385
669990.24	4342753.14	0.08580	669928.42	4342742.15	0.08071
669815.77	4342673.46	0.07406	669742.96	4342655.60	0.07007
669791.04	4342744.90	0.07154	669696.25	4342731.16	0.06645
669536.88	4342552.57	0.05742	671174.86	4342280.21	1.04108
671068.38	4342169.93	0.98957	670965.71	4342179.44	0.68947
670815.50	4342198.45	0.42629	670737.55	4342097.68	0.37355
670762.27	4342069.16	0.40730	670817.40	4342040.64	0.48865
670895.36	4342025.43	0.63933	670979.02	4341915.15	1.01516
671115.92	4341863.81	2.40596	671199.58	4341770.65	6.93878
671222.39	4341377.07	0.93086	671714.84	4341392.28	1.11246

671366.89	4341998.81	4.29208	671226.19	4342236.48	1.30164
669098.44	4343411.59	0.03464	668908.63	4343364.56	0.03154
668851.52	4343359.52	0.03061	668831.37	4343371.27	0.03021
668733.94	4343302.41	0.02928	668686.91	4343199.95	0.02941
668671.79	4343089.09	0.02997	668806.17	4343001.74	0.03260
668918.71	4343025.26	0.03472	669024.53	4342942.95	0.03758
669288.24	4342916.08	0.04495	669333.59	4342922.80	0.04624
669365.51	4342978.23	0.04643	669336.95	4343151.23	0.04326
669303.36	4343304.09	0.04085	669222.73	4343235.22	0.03931

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 0.03634

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*** AERMET - VERSION 14134 *** ***

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PAGE 853

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

668148.79 4340781.04 0.02416 668370.10 4340781.04 0.02638
668591.41 4340781.04 0.02592 668812.72 4340781.04 0.02589
669034.03 4340781.04 0.02627 669255.34 4340781.04 0.02808
669476.65 4340781.04 0.02805 669697.96 4340781.04 0.02700
669919.27 4340781.04 0.02383 670140.58 4340781.04 0.02100
670361.89 4340781.04 0.02005 670583.20 4340781.04 0.01955
670804.51 4340781.04 0.01923 671025.82 4340781.04 0.01779

671247.13	4340781.04	0.01581	671468.44	4340781.04	0.01407
671689.75	4340781.04	0.01244	671911.06	4340781.04	0.01100
672132.37	4340781.04	0.00981	672353.68	4340781.04	0.00973
672574.99	4340781.04	0.00993	668148.79	4340946.00	0.02570
668370.10	4340946.00	0.02847	668591.41	4340946.00	0.02978
668812.72	4340946.00	0.03060	669034.03	4340946.00	0.03198
669255.34	4340946.00	0.03371	669476.65	4340946.00	0.03422
669697.96	4340946.00	0.03338	669919.27	4340946.00	0.02921
670140.58	4340946.00	0.02789	670361.89	4340946.00	0.02530
670583.20	4340946.00	0.02479	670804.51	4340946.00	0.02331
671025.82	4340946.00	0.02127	671247.13	4340946.00	0.01851
671468.44	4340946.00	0.01601	671689.75	4340946.00	0.01452
671911.06	4340946.00	0.01311	672132.37	4340946.00	0.01151
672353.68	4340946.00	0.01154	672574.99	4340946.00	0.01192
668148.79	4341110.96	0.02837	668370.10	4341110.96	0.03139
668591.41	4341110.96	0.03446	668812.72	4341110.96	0.03587
669034.03	4341110.96	0.03702	669255.34	4341110.96	0.03992
669476.65	4341110.96	0.04151	669697.96	4341110.96	0.04252
669919.27	4341110.96	0.04163	670140.58	4341110.96	0.03547
670361.89	4341110.96	0.03172	670583.20	4341110.96	0.02973
670804.51	4341110.96	0.02815	671025.82	4341110.96	0.02560
671247.13	4341110.96	0.02253	671468.44	4341110.96	0.01904
671689.75	4341110.96	0.01772	671911.06	4341110.96	0.01598
672132.37	4341110.96	0.01416	672353.68	4341110.96	0.01387
672574.99	4341110.96	0.01426	668148.79	4341275.92	0.03132
668370.10	4341275.92	0.03562	668591.41	4341275.92	0.04151
668812.72	4341275.92	0.04433	669034.03	4341275.92	0.04890
669255.34	4341275.92	0.05183	669476.65	4341275.92	0.05356
669697.96	4341275.92	0.05581	669919.27	4341275.92	0.05275
670140.58	4341275.92	0.04503	670361.89	4341275.92	0.04048
670583.20	4341275.92	0.03687	670804.51	4341275.92	0.03595
671025.82	4341275.92	0.03245	671247.13	4341275.92	0.02864
671468.44	4341275.92	0.02526	671689.75	4341275.92	0.02269

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*** AERMET - VERSION 14134 *** ***

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PAGE 854

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.02058	672132.37	4341275.92	0.01815
672353.68	4341275.92	0.01707	672574.99	4341275.92	0.01718
668148.79	4341440.88	0.03423	668370.10	4341440.88	0.04258

668591.41	4341440.88	0.04977	668812.72	4341440.88	0.05631
669034.03	4341440.88	0.05847	669255.34	4341440.88	0.06277
669476.65	4341440.88	0.06892	669697.96	4341440.88	0.07393
669919.27	4341440.88	0.06891	670140.58	4341440.88	0.06198
670361.89	4341440.88	0.05584	670583.20	4341440.88	0.05015
670804.51	4341440.88	0.05018	671025.82	4341440.88	0.04406
671689.75	4341440.88	0.03447	671911.06	4341440.88	0.02707
672132.37	4341440.88	0.02350	672353.68	4341440.88	0.02181
672574.99	4341440.88	0.02203	668148.79	4341605.84	0.04528
668370.10	4341605.84	0.05431	668591.41	4341605.84	0.06067
668812.72	4341605.84	0.06644	669034.03	4341605.84	0.07203
669255.34	4341605.84	0.07843	669476.65	4341605.84	0.08644
669697.96	4341605.84	0.09291	669919.27	4341605.84	0.08988
670140.58	4341605.84	0.09102	670361.89	4341605.84	0.08234
670583.20	4341605.84	0.07605	670804.51	4341605.84	0.07771
671025.82	4341605.84	0.06634	671689.75	4341605.84	0.04771
671911.06	4341605.84	0.03672	672132.37	4341605.84	0.03102
672353.68	4341605.84	0.02715	672574.99	4341605.84	0.02626
668148.79	4341770.80	0.04077	668370.10	4341770.80	0.05880
668591.41	4341770.80	0.06866	668812.72	4341770.80	0.07912
669034.03	4341770.80	0.08879	669255.34	4341770.80	0.09478
669476.65	4341770.80	0.10224	669697.96	4341770.80	0.10769
669919.27	4341770.80	0.11572	670140.58	4341770.80	0.12758
670361.89	4341770.80	0.12844	670583.20	4341770.80	0.13687
670804.51	4341770.80	0.14670	671025.82	4341770.80	0.12880
671689.75	4341770.80	0.05927	671911.06	4341770.80	0.04853
672132.37	4341770.80	0.03832	672353.68	4341770.80	0.03191
672574.99	4341770.80	0.03025	668148.79	4341935.76	0.04186
668370.10	4341935.76	0.05242	668591.41	4341935.76	0.07769
668812.72	4341935.76	0.09325	669034.03	4341935.76	0.10560
669255.34	4341935.76	0.10878	669476.65	4341935.76	0.11596
669697.96	4341935.76	0.12524	669919.27	4341935.76	0.14022
670140.58	4341935.76	0.16907	670361.89	4341935.76	0.21747
670583.20	4341935.76	0.30370	670804.51	4341935.76	0.52170
671468.44	4341935.76	0.11294	671689.75	4341935.76	0.08059
671911.06	4341935.76	0.06067	672132.37	4341935.76	0.04587
672353.68	4341935.76	0.03660	672574.99	4341935.76	0.03193

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M) CONC

X-COORD (M) Y-COORD (M) CONC

668148.79	4342100.72	0.04376	668370.10	4342100.72	0.06479
668591.41	4342100.72	0.08504	668812.72	4342100.72	0.10757
669034.03	4342100.72	0.12590	669255.34	4342100.72	0.14192
669476.65	4342100.72	0.15206	669697.96	4342100.72	0.17206
669919.27	4342100.72	0.20293	670140.58	4342100.72	0.24376
670361.89	4342100.72	0.47416	670583.20	4342100.72	2.09107
671468.44	4342100.72	0.15548	671689.75	4342100.72	0.09896
671911.06	4342100.72	0.07031	672132.37	4342100.72	0.05195
672353.68	4342100.72	0.04027	672574.99	4342100.72	0.03403
668148.79	4342265.68	0.04460	668370.10	4342265.68	0.06738
668591.41	4342265.68	0.08041	668812.72	4342265.68	0.12507
669034.03	4342265.68	0.17679	669255.34	4342265.68	0.22885
669476.65	4342265.68	0.30185	669697.96	4342265.68	0.31362
669919.27	4342265.68	0.39331	670140.58	4342265.68	0.51083
670361.89	4342265.68	1.42681	670583.20	4342265.68	8.62322
670804.51	4342265.68	5.87768	671025.82	4342265.68	2.27844
671247.13	4342265.68	0.39868	671468.44	4342265.68	0.17189
671689.75	4342265.68	0.10582	671911.06	4342265.68	0.07315
672132.37	4342265.68	0.05463	672353.68	4342265.68	0.04239
672574.99	4342265.68	0.03679	668148.79	4342430.64	0.04266
668370.10	4342430.64	0.05841	668591.41	4342430.64	0.08036
668812.72	4342430.64	0.12086	669034.03	4342430.64	0.20019
669255.34	4342430.64	0.38083	669476.65	4342430.64	0.68261
669697.96	4342430.64	1.18686	669919.27	4342430.64	1.14927
670140.58	4342430.64	2.54302	670361.89	4342430.64	10.17360
670583.20	4342430.64	2.57040	670804.51	4342430.64	1.84430
671025.82	4342430.64	0.95280	671247.13	4342430.64	0.29392
671468.44	4342430.64	0.15565	671689.75	4342430.64	0.09932
671911.06	4342430.64	0.07023	672132.37	4342430.64	0.05333
672353.68	4342430.64	0.04399	672574.99	4342430.64	0.03840
668148.79	4342595.60	0.04124	668370.10	4342595.60	0.05489
668591.41	4342595.60	0.07887	668812.72	4342595.60	0.12622
669034.03	4342595.60	0.23834	669255.34	4342595.60	0.61247
669476.65	4342595.60	3.11966	669697.96	4342595.60	7.85839
669919.27	4342595.60	7.42869	670140.58	4342595.60	7.72759
670361.89	4342595.60	3.20711	670583.20	4342595.60	1.27337
670804.51	4342595.60	0.96713	671025.82	4342595.60	0.57956
671247.13	4342595.60	0.25852	671468.44	4342595.60	0.13502
671689.75	4342595.60	0.08796	671911.06	4342595.60	0.06364
672132.37	4342595.60	0.04970	672353.68	4342595.60	0.04104

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 856

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.03515	668148.79	4342760.56	0.03921
668370.10	4342760.56	0.05267	668591.41	4342760.56	0.07496
668812.72	4342760.56	0.12410	669034.03	4342760.56	0.26354
669255.34	4342760.56	0.88637	669476.65	4342760.56	7.36639
669697.96	4342760.56	2.09822	669919.27	4342760.56	2.48457
670140.58	4342760.56	1.73206	670361.89	4342760.56	1.36896
670583.20	4342760.56	0.84800	670804.51	4342760.56	0.62629
671025.82	4342760.56	0.39338	671247.13	4342760.56	0.20154
671468.44	4342760.56	0.11867	671689.75	4342760.56	0.08047
671911.06	4342760.56	0.05774	672132.37	4342760.56	0.04558
672353.68	4342760.56	0.03821	672574.99	4342760.56	0.03168
668148.79	4342925.52	0.03625	668370.10	4342925.52	0.04812
668591.41	4342925.52	0.06943	668812.72	4342925.52	0.11348
669034.03	4342925.52	0.25177	669476.65	4342925.52	3.68770
669697.96	4342925.52	1.26032	669919.27	4342925.52	1.14222
670140.58	4342925.52	1.01509	670361.89	4342925.52	0.84040
670583.20	4342925.52	0.65323	670804.51	4342925.52	0.46049
671025.82	4342925.52	0.27839	671247.13	4342925.52	0.16880
671468.44	4342925.52	0.10234	671689.75	4342925.52	0.07167
671911.06	4342925.52	0.05289	672132.37	4342925.52	0.04085
672353.68	4342925.52	0.03444	672574.99	4342925.52	0.02929
668148.79	4343090.48	0.03274	668370.10	4343090.48	0.04340
668591.41	4343090.48	0.06375	669476.65	4343090.48	1.28056
669697.96	4343090.48	0.91652	669919.27	4343090.48	0.85078
670140.58	4343090.48	0.73925	670361.89	4343090.48	0.63334
670583.20	4343090.48	0.48696	670804.51	4343090.48	0.35271
671025.82	4343090.48	0.21993	671247.13	4343090.48	0.14248
671468.44	4343090.48	0.09084	671689.75	4343090.48	0.06396
671911.06	4343090.48	0.04816	672132.37	4343090.48	0.03790
672353.68	4343090.48	0.03041	672574.99	4343090.48	0.02604
668148.79	4343255.44	0.03114	668370.10	4343255.44	0.04126
668591.41	4343255.44	0.06006	669476.65	4343255.44	0.77358
669697.96	4343255.44	0.63716	669919.27	4343255.44	0.59381
670140.58	4343255.44	0.54723	670361.89	4343255.44	0.46107
670583.20	4343255.44	0.38164	670804.51	4343255.44	0.28067
671025.82	4343255.44	0.18137	671247.13	4343255.44	0.12149
671468.44	4343255.44	0.08225	671689.75	4343255.44	0.05792
671911.06	4343255.44	0.04395	672132.37	4343255.44	0.03503
672353.68	4343255.44	0.02860	672574.99	4343255.44	0.02360
668148.79	4343420.40	0.03090	668370.10	4343420.40	0.04088

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02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 857

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.05882	668812.72	4343420.40	0.09887
669034.03	4343420.40	0.19159	669255.34	4343420.40	0.35714
669476.65	4343420.40	0.46680	669697.96	4343420.40	0.47119
669919.27	4343420.40	0.44154	670140.58	4343420.40	0.41201
670361.89	4343420.40	0.36478	670583.20	4343420.40	0.30475
670804.51	4343420.40	0.22717	671025.82	4343420.40	0.16042
671247.13	4343420.40	0.10992	671468.44	4343420.40	0.07379
671689.75	4343420.40	0.05334	671911.06	4343420.40	0.04058
672132.37	4343420.40	0.03239	672353.68	4343420.40	0.02663
672574.99	4343420.40	0.02228	668148.79	4343585.36	0.03214
668370.10	4343585.36	0.04181	668591.41	4343585.36	0.05946
668812.72	4343585.36	0.09739	669034.03	4343585.36	0.17132
669255.34	4343585.36	0.27619	669476.65	4343585.36	0.34678
669697.96	4343585.36	0.35762	669919.27	4343585.36	0.35056
670140.58	4343585.36	0.33052	670361.89	4343585.36	0.29364
670583.20	4343585.36	0.24654	670804.51	4343585.36	0.19426
671025.82	4343585.36	0.14272	671247.13	4343585.36	0.09736
671468.44	4343585.36	0.06876	671689.75	4343585.36	0.05070
671911.06	4343585.36	0.03833	672132.37	4343585.36	0.03066
672353.68	4343585.36	0.02515	672574.99	4343585.36	0.02121
668148.79	4343750.32	0.03113	668370.10	4343750.32	0.04576
668591.41	4343750.32	0.06591	668812.72	4343750.32	0.09404
669034.03	4343750.32	0.15922	669255.34	4343750.32	0.23190
669476.65	4343750.32	0.27294	669697.96	4343750.32	0.28504
669919.27	4343750.32	0.28238	670140.58	4343750.32	0.26730
670361.89	4343750.32	0.23655	670583.20	4343750.32	0.20504
670804.51	4343750.32	0.16738	671025.82	4343750.32	0.12962
671247.13	4343750.32	0.09097	671468.44	4343750.32	0.06772
671689.75	4343750.32	0.05117	671911.06	4343750.32	0.03821
672132.37	4343750.32	0.02976	672353.68	4343750.32	0.02408
672574.99	4343750.32	0.02040	668148.79	4343915.28	0.03064
668370.10	4343915.28	0.04630	668591.41	4343915.28	0.06983
668812.72	4343915.28	0.09703	669034.03	4343915.28	0.14010
669255.34	4343915.28	0.19308	669476.65	4343915.28	0.22299
669697.96	4343915.28	0.23264	669919.27	4343915.28	0.23208
670140.58	4343915.28	0.21827	670361.89	4343915.28	0.19808
670583.20	4343915.28	0.17051	670804.51	4343915.28	0.14083
671025.82	4343915.28	0.10832	671247.13	4343915.28	0.08785
671468.44	4343915.28	0.06153	671689.75	4343915.28	0.04635
671911.06	4343915.28	0.03574	672132.37	4343915.28	0.02887

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.02375	672574.99	4343915.28	0.01997
668148.79	4344080.24	0.03104	668370.10	4344080.24	0.04530
668591.41	4344080.24	0.06634	668812.72	4344080.24	0.08985
669034.03	4344080.24	0.12558	669255.34	4344080.24	0.16369
669476.65	4344080.24	0.18341	669697.96	4344080.24	0.19241
669919.27	4344080.24	0.19189	670140.58	4344080.24	0.18153
670361.89	4344080.24	0.16776	670583.20	4344080.24	0.14519
670804.51	4344080.24	0.11791	671025.82	4344080.24	0.09227
671247.13	4344080.24	0.07529	671468.44	4344080.24	0.05849
671689.75	4344080.24	0.04231	671911.06	4344080.24	0.03266
672132.37	4344080.24	0.02635	672353.68	4344080.24	0.02214
672574.99	4344080.24	0.01879	671464.71	4342094.27	0.15588
671482.23	4342063.91	0.14312	671498.58	4342030.05	0.13006
671513.75	4341991.52	0.11713	671541.78	4341964.66	0.10543
671575.64	4341974.00	0.10095	671460.75	4342162.97	0.16893
671451.00	4342187.35	0.17607	671510.73	4342219.66	0.15301
671524.14	4342192.84	0.14654	671522.92	4342250.74	0.14945
671599.11	4342252.57	0.12614	671627.76	4342256.84	0.11907
671583.88	4342116.03	0.12044	671595.46	4342071.54	0.11208
671663.12	4342056.30	0.09857	671600.94	4342030.09	0.10560
671526.58	4342155.65	0.14186	671628.98	4342292.19	0.11855
671641.78	4341980.71	0.09205	671666.77	4342018.51	0.09363
671407.11	4342219.66	0.20374	671415.64	4342183.08	0.19611
671635.08	4341706.42	0.05498	671693.59	4341710.08	0.05323
671719.80	4341736.29	0.05501	671673.48	4341630.23	0.04883
671888.04	4341936.22	0.06261	671977.64	4341952.07	0.05662
672039.21	4341894.77	0.04906	671858.17	4341753.96	0.05102
671922.78	4341634.49	0.03820	671613.74	4341791.15	0.06630
671853.29	4341730.80	0.04925	671783.81	4341585.73	0.04144
671783.20	4341546.72	0.03855	671769.18	4341461.38	0.03329
671800.87	4341420.54	0.02967	671880.11	4341427.25	0.02707
672012.39	4341504.66	0.02775	672084.31	4341547.94	0.02901
671915.47	4341478.45	0.02884	671903.28	4341564.40	0.03423
671863.05	4341522.34	0.03288	671830.13	4341336.43	0.02450
671835.62	4341287.66	0.02247	671825.87	4341275.47	0.02214
672136.73	4341370.56	0.02085	671920.34	4341307.17	0.02134
671695.42	4341257.19	0.02189	671682.01	4341176.12	0.01922
671991.66	4341196.23	0.01765	672022.14	4341231.59	0.01825
671992.27	4341177.95	0.01695	671540.60	4341238.29	0.02177
671575.34	4341177.95	0.01938	671454.65	4341196.23	0.02174

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.01848	671413.20	4341126.74	0.02049
671471.11	4341064.57	0.01804	671601.55	4341050.55	0.01689
671198.64	4341253.53	0.02823	671278.49	4341212.08	0.02539
671230.34	4341132.84	0.02333	671073.08	4341271.82	0.03125
671122.45	4341373.61	0.03651	671118.79	4341397.38	0.03837
670978.40	4341324.15	0.03628	670932.85	4341394.21	0.04256
670935.19	4341367.36	0.04039	671108.01	4340976.17	0.02085
671286.67	4340978.51	0.01870	671675.37	4342488.78	0.09775
671091.40	4342277.23	1.07163	671051.75	4342332.07	1.17642
671051.75	4342369.20	1.02477	670953.04	4342360.76	1.81273
670695.71	4342235.89	7.02031	670545.53	4342318.58	7.92828
670711.74	4342488.16	1.48883	670648.30	4342501.73	1.51001
670648.30	4342630.87	0.96535	670806.29	4342728.41	0.67067
670688.15	4342739.41	0.71309	670804.92	4342427.55	1.87372
670439.48	4342471.51	6.18435	670358.43	4342578.67	3.67855
670546.64	4342662.47	1.20194	670537.03	4342595.15	1.47219
670483.45	4342776.50	1.00771	670508.17	4342754.52	1.01491
670517.79	4342868.54	0.77309	670545.27	4342850.69	0.75726
670582.36	4342878.16	0.68424	670304.85	4342688.57	2.03343
670039.70	4342661.10	6.29223	670156.48	4342673.46	3.21061
670236.16	4342648.73	3.07025	670071.30	4342738.03	2.49426
669990.24	4342753.14	2.62356	669928.42	4342742.15	2.88528
669815.77	4342673.46	3.82106	669742.96	4342655.60	3.90252
669791.04	4342744.90	2.29622	669696.25	4342731.16	2.37862
669536.88	4342552.57	3.22503	671174.86	4342280.21	0.58386
671068.38	4342169.93	2.43523	670965.71	4342179.44	6.27277
670815.50	4342198.45	7.11476	670737.55	4342097.68	2.74945
670762.27	4342069.16	1.88494	670817.40	4342040.64	1.33891
670895.36	4342025.43	1.08907	670979.02	4341915.15	0.41018
671115.92	4341863.81	0.23256	671199.58	4341770.65	0.13795
671222.39	4341377.07	0.03512	671714.84	4341392.28	0.02953
671366.89	4341998.81	0.17214	671226.19	4342236.48	0.45748
669098.44	4343411.59	0.23585	668908.63	4343364.56	0.13083
668851.52	4343359.52	0.11010	668831.37	4343371.27	0.10380
668733.94	4343302.41	0.08099	668686.91	4343199.95	0.07401
668671.79	4343089.09	0.07428	668806.17	4343001.74	0.10594
668918.71	4343025.26	0.14818	669024.53	4342942.95	0.23741
669288.24	4342916.08	2.31378	669333.59	4342922.80	5.94459
669365.51	4342978.23	4.22007	669336.95	4343151.23	0.88692

669303.36 4343304.09 0.51297 669222.73 4343235.22 0.47670
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PAGE 860
*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP6 ***
INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669135.39	4343305.77	0.30248			
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***					
02/24/20					
*** AERMET - VERSION 14134 *** *** 17:19:20					
PAGE 861					
*** MODELOPTs: RegDFAULT CONC ELEV RURAL					

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.15906	668370.10	4340781.04	0.19678
668591.41	4340781.04	0.23138	668812.72	4340781.04	0.26064
669034.03	4340781.04	0.31173	669255.34	4340781.04	0.37542
669476.65	4340781.04	0.41476	669697.96	4340781.04	0.48427
669919.27	4340781.04	0.58174	670140.58	4340781.04	0.50893
670361.89	4340781.04	0.41165	670583.20	4340781.04	0.23717
670804.51	4340781.04	0.17114	671025.82	4340781.04	0.12345
671247.13	4340781.04	0.09325	671468.44	4340781.04	0.09009
671689.75	4340781.04	0.08209	671911.06	4340781.04	0.06150
672132.37	4340781.04	0.04225	672353.68	4340781.04	0.05278
672574.99	4340781.04	0.05779	668148.79	4340946.00	0.14429
668370.10	4340946.00	0.17422	668591.41	4340946.00	0.20794
668812.72	4340946.00	0.24313	669034.03	4340946.00	0.31327
669255.34	4340946.00	0.37728	669476.65	4340946.00	0.42716
669697.96	4340946.00	0.56223	669919.27	4340946.00	0.64149
670140.58	4340946.00	0.70643	670361.89	4340946.00	0.59707
670583.20	4340946.00	0.43910	670804.51	4340946.00	0.22015

671025.82	4340946.00	0.14242	671247.13	4340946.00	0.10399
671468.44	4340946.00	0.09331	671689.75	4340946.00	0.09812
671911.06	4340946.00	0.09306	672132.37	4340946.00	0.04344
672353.68	4340946.00	0.04712	672574.99	4340946.00	0.05858
668148.79	4341110.96	0.13620	668370.10	4341110.96	0.15776
668591.41	4341110.96	0.19432	668812.72	4341110.96	0.23297
669034.03	4341110.96	0.28974	669255.34	4341110.96	0.33980
669476.65	4341110.96	0.44252	669697.96	4341110.96	0.61139
669919.27	4341110.96	0.71252	670140.58	4341110.96	0.81243
670361.89	4341110.96	0.76507	670583.20	4341110.96	0.50999
670804.51	4341110.96	0.23969	671025.82	4341110.96	0.15189
671247.13	4341110.96	0.13535	671468.44	4341110.96	0.11379
671689.75	4341110.96	0.14085	671911.06	4341110.96	0.11386
672132.37	4341110.96	0.05027	672353.68	4341110.96	0.03941
672574.99	4341110.96	0.05978	668148.79	4341275.92	0.13024
668370.10	4341275.92	0.15110	668591.41	4341275.92	0.18357
668812.72	4341275.92	0.23135	669034.03	4341275.92	0.30572
669255.34	4341275.92	0.36238	669476.65	4341275.92	0.43247
669697.96	4341275.92	0.56667	669919.27	4341275.92	0.75124
670140.58	4341275.92	0.76770	670361.89	4341275.92	0.82646
670583.20	4341275.92	0.58184	670804.51	4341275.92	0.35802
671025.82	4341275.92	0.19564	671247.13	4341275.92	0.18795
671468.44	4341275.92	0.25183	671689.75	4341275.92	0.21394

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.15324	672132.37	4341275.92	0.05654
672353.68	4341275.92	0.04248	672574.99	4341275.92	0.07084
668148.79	4341440.88	0.12412	668370.10	4341440.88	0.14532
668591.41	4341440.88	0.17394	668812.72	4341440.88	0.22476
669034.03	4341440.88	0.28126	669255.34	4341440.88	0.32207
669476.65	4341440.88	0.41063	669697.96	4341440.88	0.55980
669919.27	4341440.88	0.62272	670140.58	4341440.88	0.67698
670361.89	4341440.88	0.80530	670583.20	4341440.88	0.79885
670804.51	4341440.88	0.74073	671025.82	4341440.88	0.32456
671689.75	4341440.88	0.41866	671911.06	4341440.88	0.16941
672132.37	4341440.88	0.07147	672353.68	4341440.88	0.06519
672574.99	4341440.88	0.11410	668148.79	4341605.84	0.12732
668370.10	4341605.84	0.14897	668591.41	4341605.84	0.17515
668812.72	4341605.84	0.20865	669034.03	4341605.84	0.24749
669255.34	4341605.84	0.30093	669476.65	4341605.84	0.38584

669697.96	4341605.84	0.50750	669919.27	4341605.84	0.46689
670140.58	4341605.84	0.57549	670361.89	4341605.84	0.63772
670583.20	4341605.84	0.91453	670804.51	4341605.84	1.67187
671025.82	4341605.84	0.84901	671689.75	4341605.84	0.61839
671911.06	4341605.84	0.22897	672132.37	4341605.84	0.12564
672353.68	4341605.84	0.09085	672574.99	4341605.84	0.14510
668148.79	4341770.80	0.11951	668370.10	4341770.80	0.14840
668591.41	4341770.80	0.16081	668812.72	4341770.80	0.19139
669034.03	4341770.80	0.23738	669255.34	4341770.80	0.30440
669476.65	4341770.80	0.35886	669697.96	4341770.80	0.35292
669919.27	4341770.80	0.34730	670140.58	4341770.80	0.37530
670361.89	4341770.80	0.38807	670583.20	4341770.80	0.84666
670804.51	4341770.80	3.14856	671025.82	4341770.80	5.30984
671689.75	4341770.80	0.49046	671911.06	4341770.80	0.30766
672132.37	4341770.80	0.12881	672353.68	4341770.80	0.08374
672574.99	4341770.80	0.15711	668148.79	4341935.76	0.11594
668370.10	4341935.76	0.13370	668591.41	4341935.76	0.15985
668812.72	4341935.76	0.19646	669034.03	4341935.76	0.24645
669255.34	4341935.76	0.28714	669476.65	4341935.76	0.28144
669697.96	4341935.76	0.23476	669919.27	4341935.76	0.19637
670140.58	4341935.76	0.22806	670361.89	4341935.76	0.31188
670583.20	4341935.76	0.96599	670804.51	4341935.76	2.74093
671468.44	4341935.76	1.72481	671689.75	4341935.76	0.61731
671911.06	4341935.76	0.33849	672132.37	4341935.76	0.15236
672353.68	4341935.76	0.09451	672574.99	4341935.76	0.11672

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.11948	668370.10	4342100.72	0.14189
668591.41	4342100.72	0.17556	668812.72	4342100.72	0.20481
669034.03	4342100.72	0.25685	669255.34	4342100.72	0.31469
669476.65	4342100.72	0.30590	669697.96	4342100.72	0.30231
669919.27	4342100.72	0.33607	670140.58	4342100.72	0.30866
670361.89	4342100.72	0.89341	670583.20	4342100.72	1.52559
671468.44	4342100.72	1.57120	671689.75	4342100.72	0.59866
671911.06	4342100.72	0.34524	672132.37	4342100.72	0.17682
672353.68	4342100.72	0.10335	672574.99	4342100.72	0.11542
668148.79	4342265.68	0.12602	668370.10	4342265.68	0.15091
668591.41	4342265.68	0.16601	668812.72	4342265.68	0.19524
669034.03	4342265.68	0.23254	669255.34	4342265.68	0.29858
669476.65	4342265.68	0.38342	669697.96	4342265.68	0.53063

669919.27	4342265.68	0.70734	670140.58	4342265.68	0.90090
670361.89	4342265.68	1.20191	670583.20	4342265.68	1.77038
670804.51	4342265.68	3.01574	671025.82	4342265.68	4.41253
671247.13	4342265.68	5.96131	671468.44	4342265.68	1.24086
671689.75	4342265.68	0.50495	671911.06	4342265.68	0.28654
672132.37	4342265.68	0.20194	672353.68	4342265.68	0.13394
672574.99	4342265.68	0.16592	668148.79	4342430.64	0.13079
668370.10	4342430.64	0.15216	668591.41	4342430.64	0.17350
668812.72	4342430.64	0.20316	669034.03	4342430.64	0.24201
669255.34	4342430.64	0.29449	669476.65	4342430.64	0.37341
669697.96	4342430.64	0.47432	669919.27	4342430.64	0.63186
670140.58	4342430.64	0.83150	670361.89	4342430.64	1.14533
670583.20	4342430.64	1.72680	670804.51	4342430.64	2.40353
671025.82	4342430.64	2.89120	671247.13	4342430.64	1.87618
671468.44	4342430.64	0.88439	671689.75	4342430.64	0.37736
671911.06	4342430.64	0.22436	672132.37	4342430.64	0.17037
672353.68	4342430.64	0.17034	672574.99	4342430.64	0.15304
668148.79	4342595.60	0.13999	668370.10	4342595.60	0.16043
668591.41	4342595.60	0.18635	668812.72	4342595.60	0.21937
669034.03	4342595.60	0.26184	669255.34	4342595.60	0.31788
669476.65	4342595.60	0.38922	669697.96	4342595.60	0.49528
669919.27	4342595.60	0.61361	670140.58	4342595.60	0.81625
670361.89	4342595.60	1.18694	670583.20	4342595.60	0.87614
670804.51	4342595.60	1.43162	671025.82	4342595.60	1.62357
671247.13	4342595.60	1.23243	671468.44	4342595.60	0.59884
671689.75	4342595.60	0.27824	671911.06	4342595.60	0.16422
672132.37	4342595.60	0.13065	672353.68	4342595.60	0.13643

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ****

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.14476	668148.79	4342760.56	0.15025
668370.10	4342760.56	0.17337	668591.41	4342760.56	0.19899
668812.72	4342760.56	0.23355	669034.03	4342760.56	0.27893
669255.34	4342760.56	0.33358	669476.65	4342760.56	0.39264
669697.96	4342760.56	0.55066	669919.27	4342760.56	0.64573
670140.58	4342760.56	0.75335	670361.89	4342760.56	0.87857
670583.20	4342760.56	0.71083	670804.51	4342760.56	0.91255
671025.82	4342760.56	0.89355	671247.13	4342760.56	0.67280
671468.44	4342760.56	0.44030	671689.75	4342760.56	0.24700
671911.06	4342760.56	0.13660	672132.37	4342760.56	0.10377
672353.68	4342760.56	0.11260	672574.99	4342760.56	0.09656

668148.79	4342925.52	0.15808	668370.10	4342925.52	0.18084
668591.41	4342925.52	0.20982	668812.72	4342925.52	0.23976
669034.03	4342925.52	0.27796	669476.65	4342925.52	0.37600
669697.96	4342925.52	0.52581	669919.27	4342925.52	0.58919
670140.58	4342925.52	0.59570	670361.89	4342925.52	0.66289
670583.20	4342925.52	0.84503	670804.51	4342925.52	0.75148
671025.82	4342925.52	0.50406	671247.13	4342925.52	0.46790
671468.44	4342925.52	0.31876	671689.75	4342925.52	0.20437
671911.06	4342925.52	0.12147	672132.37	4342925.52	0.07939
672353.68	4342925.52	0.07674	672574.99	4342925.52	0.07694
668148.79	4343090.48	0.16029	668370.10	4343090.48	0.18144
668591.41	4343090.48	0.20952	669476.65	4343090.48	0.34240
669697.96	4343090.48	0.40457	669919.27	4343090.48	0.51157
670140.58	4343090.48	0.61843	670361.89	4343090.48	0.63981
670583.20	4343090.48	0.59184	670804.51	4343090.48	0.58625
671025.82	4343090.48	0.36785	671247.13	4343090.48	0.34075
671468.44	4343090.48	0.24898	671689.75	4343090.48	0.16785
671911.06	4343090.48	0.10800	672132.37	4343090.48	0.07285
672353.68	4343090.48	0.05181	672574.99	4343090.48	0.04750
668148.79	4343255.44	0.16033	668370.10	4343255.44	0.17857
668591.41	4343255.44	0.19966	669476.65	4343255.44	0.32328
669697.96	4343255.44	0.36849	669919.27	4343255.44	0.43487
670140.58	4343255.44	0.48095	670361.89	4343255.44	0.46486
670583.20	4343255.44	0.43484	670804.51	4343255.44	0.45053
671025.82	4343255.44	0.28758	671247.13	4343255.44	0.25508
671468.44	4343255.44	0.20448	671689.75	4343255.44	0.14048
671911.06	4343255.44	0.09484	672132.37	4343255.44	0.06661
672353.68	4343255.44	0.04907	672574.99	4343255.44	0.03627
668148.79	4343420.40	0.15804	668370.10	4343420.40	0.17252

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.18820	668812.72	4343420.40	0.20762
669034.03	4343420.40	0.22870	669255.34	4343420.40	0.25352
669476.65	4343420.40	0.28232	669697.96	4343420.40	0.33773
669919.27	4343420.40	0.36188	670140.58	4343420.40	0.35841
670361.89	4343420.40	0.35731	670583.20	4343420.40	0.34237
670804.51	4343420.40	0.35817	671025.82	4343420.40	0.28641
671247.13	4343420.40	0.22303	671468.44	4343420.40	0.16467
671689.75	4343420.40	0.12147	671911.06	4343420.40	0.08506
672132.37	4343420.40	0.05992	672353.68	4343420.40	0.04383

672574.99	4343420.40	0.03350	668148.79	4343585.36	0.15868
668370.10	4343585.36	0.16972	668591.41	4343585.36	0.17799
668812.72	4343585.36	0.19688	669034.03	4343585.36	0.21867
669255.34	4343585.36	0.23982	669476.65	4343585.36	0.26173
669697.96	4343585.36	0.27784	669919.27	4343585.36	0.29217
670140.58	4343585.36	0.29622	670361.89	4343585.36	0.28972
670583.20	4343585.36	0.27997	670804.51	4343585.36	0.27640
671025.82	4343585.36	0.27499	671247.13	4343585.36	0.18602
671468.44	4343585.36	0.14611	671689.75	4343585.36	0.11305
671911.06	4343585.36	0.07991	672132.37	4343585.36	0.05779
672353.68	4343585.36	0.04164	672574.99	4343585.36	0.03196
668148.79	4343750.32	0.14938	668370.10	4343750.32	0.16877
668591.41	4343750.32	0.17713	668812.72	4343750.32	0.18813
669034.03	4343750.32	0.22370	669255.34	4343750.32	0.23725
669476.65	4343750.32	0.23962	669697.96	4343750.32	0.24799
669919.27	4343750.32	0.25196	670140.58	4343750.32	0.25032
670361.89	4343750.32	0.24570	670583.20	4343750.32	0.23212
670804.51	4343750.32	0.22409	671025.82	4343750.32	0.21745
671247.13	4343750.32	0.19858	671468.44	4343750.32	0.16527
671689.75	4343750.32	0.13210	671911.06	4343750.32	0.09028
672132.37	4343750.32	0.06081	672353.68	4343750.32	0.04158
672574.99	4343750.32	0.03214	668148.79	4343915.28	0.13851
668370.10	4343915.28	0.15787	668591.41	4343915.28	0.17822
668812.72	4343915.28	0.18868	669034.03	4343915.28	0.21391
669255.34	4343915.28	0.22935	669476.65	4343915.28	0.22668
669697.96	4343915.28	0.22040	669919.27	4343915.28	0.21819
670140.58	4343915.28	0.21529	670361.89	4343915.28	0.20644
670583.20	4343915.28	0.19972	670804.51	4343915.28	0.19386
671025.82	4343915.28	0.19096	671247.13	4343915.28	0.16877
671468.44	4343915.28	0.14159	671689.75	4343915.28	0.10586
671911.06	4343915.28	0.07892	672132.37	4343915.28	0.06315

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.04663	672574.99	4343915.28	0.03444
668148.79	4344080.24	0.13409	668370.10	4344080.24	0.14675
668591.41	4344080.24	0.16572	668812.72	4344080.24	0.18425
669034.03	4344080.24	0.20156	669255.34	4344080.24	0.21306
669476.65	4344080.24	0.20003	669697.96	4344080.24	0.19587
669919.27	4344080.24	0.19267	670140.58	4344080.24	0.19719
670361.89	4344080.24	0.17688	670583.20	4344080.24	0.17252

670804.51	4344080.24	0.17405	671025.82	4344080.24	0.15940
671247.13	4344080.24	0.14997	671468.44	4344080.24	0.13354
671689.75	4344080.24	0.08677	671911.06	4344080.24	0.06363
672132.37	4344080.24	0.04932	672353.68	4344080.24	0.03955
672574.99	4344080.24	0.03069	671464.71	4342094.27	1.65933
671482.23	4342063.91	1.62889	671498.58	4342030.05	1.53539
671513.75	4341991.52	1.39149	671541.78	4341964.66	1.13189
671575.64	4341974.00	0.93433	671460.75	4342162.97	1.40414
671451.00	4342187.35	1.43038	671510.73	4342219.66	1.00297
671524.14	4342192.84	0.96110	671522.92	4342250.74	0.92652
671599.11	4342252.57	0.67493	671627.76	4342256.84	0.61090
671583.88	4342116.03	0.78881	671595.46	4342071.54	0.79205
671663.12	4342056.30	0.65357	671600.94	4342030.09	0.82509
671526.58	4342155.65	0.97780	671628.98	4342292.19	0.58692
671641.78	4341980.71	0.71059	671666.77	4342018.51	0.65843
671407.11	4342219.66	1.93648	671415.64	4342183.08	1.93286
671635.08	4341706.42	0.52567	671693.59	4341710.08	0.46451
671719.80	4341736.29	0.46710	671673.48	4341630.23	0.52615
671888.04	4341936.22	0.36850	671977.64	4341952.07	0.26932
672039.21	4341894.77	0.19591	671858.17	4341753.96	0.37531
671922.78	4341634.49	0.23488	671613.74	4341791.15	0.60063
671853.29	4341730.80	0.36434	671783.81	4341585.73	0.38173
671783.20	4341546.72	0.36463	671769.18	4341461.38	0.34314
671800.87	4341420.54	0.28239	671880.11	4341427.25	0.19456
672012.39	4341504.66	0.10234	672084.31	4341547.94	0.11162
671915.47	4341478.45	0.17110	671903.28	4341564.40	0.21293
671863.05	4341522.34	0.23521	671830.13	4341336.43	0.23056
671835.62	4341287.66	0.21283	671825.87	4341275.47	0.21318
672136.73	4341370.56	0.06145	671920.34	4341307.17	0.14290
671695.42	4341257.19	0.20056	671682.01	4341176.12	0.14857
671991.66	4341196.23	0.11754	672022.14	4341231.59	0.10298
671992.27	4341177.95	0.10114	671540.60	4341238.29	0.13401
671575.34	4341177.95	0.10857	671454.65	4341196.23	0.14195

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.10775	671413.20	4341126.74	0.12879
671471.11	4341064.57	0.10703	671601.55	4341050.55	0.11157
671198.64	4341253.53	0.17203	671278.49	4341212.08	0.16078
671230.34	4341132.84	0.13760	671073.08	4341271.82	0.18401
671122.45	4341373.61	0.23797	671118.79	4341397.38	0.25712

670978.40	4341324.15	0.24384	670932.85	4341394.21	0.37013
670935.19	4341367.36	0.33081	671108.01	4340976.17	0.12463
671286.67	4340978.51	0.10578	671675.37	4342488.78	0.35024
671091.40	4342277.23	5.34255	671051.75	4342332.07	3.58137
671051.75	4342369.20	3.35258	670953.04	4342360.76	2.94211
670695.71	4342235.89	2.55719	670545.53	4342318.58	1.69406
670711.74	4342488.16	1.54220	670648.30	4342501.73	1.24656
670648.30	4342630.87	0.68998	670806.29	4342728.41	0.96475
670688.15	4342739.41	0.65331	670804.92	4342427.55	2.44025
670439.48	4342471.51	1.36858	670358.43	4342578.67	1.17174
670546.64	4342662.47	0.94026	670537.03	4342595.15	0.97433
670483.45	4342776.50	0.78365	670508.17	4342754.52	0.80082
670517.79	4342868.54	0.73815	670545.27	4342850.69	0.70068
670582.36	4342878.16	0.73160	670304.85	4342688.57	0.99515
670039.70	4342661.10	0.70551	670156.48	4342673.46	0.87223
670236.16	4342648.73	0.99624	670071.30	4342738.03	0.79886
669990.24	4342753.14	0.70808	669928.42	4342742.15	0.63915
669815.77	4342673.46	0.57503	669742.96	4342655.60	0.54726
669791.04	4342744.90	0.58396	669696.25	4342731.16	0.54725
669536.88	4342552.57	0.40821	671174.86	4342280.21	5.97758
671068.38	4342169.93	7.15154	670965.71	4342179.44	5.66116
670815.50	4342198.45	3.13436	670737.55	4342097.68	2.21474
670762.27	4342069.16	2.29222	670817.40	4342040.64	2.63054
670895.36	4342025.43	3.37977	670979.02	4341915.15	5.40541
671115.92	4341863.81	7.68476	671199.58	4341770.65	3.93192
671222.39	4341377.07	0.28504	671714.84	4341392.28	0.31955
671366.89	4341998.81	8.27430	671226.19	4342236.48	7.92852
669098.44	4343411.59	0.23606	668908.63	4343364.56	0.22109
668851.52	4343359.52	0.21590	668831.37	4343371.27	0.21290
668733.94	4343302.41	0.20979	668686.91	4343199.95	0.21296
668671.79	4343089.09	0.21714	668806.17	4343001.74	0.23682
668918.71	4343025.26	0.25334	669024.53	4342942.95	0.27477
669288.24	4342916.08	0.33097	669333.59	4342922.80	0.34019
669365.51	4342978.23	0.33882	669336.95	4343151.23	0.30480
669303.36	4343304.09	0.27772	669222.73	4343235.22	0.27462

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	0.25275			

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.08433	668370.10	4340781.04	0.05364
668591.41	4340781.04	0.04739	668812.72	4340781.04	0.04830
669034.03	4340781.04	0.03773	669255.34	4340781.04	0.03047
669476.65	4340781.04	0.03206	669697.96	4340781.04	0.02776
669919.27	4340781.04	0.01602	670140.58	4340781.04	0.01215
670361.89	4340781.04	0.00998	670583.20	4340781.04	0.00905
670804.51	4340781.04	0.00806	671025.82	4340781.04	0.00643
671247.13	4340781.04	0.00581	671468.44	4340781.04	0.00596
671689.75	4340781.04	0.00585	671911.06	4340781.04	0.00535
672132.37	4340781.04	0.00464	672353.68	4340781.04	0.00511
672574.99	4340781.04	0.00551	668148.79	4340946.00	0.12311
668370.10	4340946.00	0.09189	668591.41	4340946.00	0.07292
668812.72	4340946.00	0.06880	669034.03	4340946.00	0.03949
669255.34	4340946.00	0.03544	669476.65	4340946.00	0.03729
669697.96	4340946.00	0.02427	669919.27	4340946.00	0.01522
670140.58	4340946.00	0.01364	670361.89	4340946.00	0.01120
670583.20	4340946.00	0.01078	670804.51	4340946.00	0.00807
671025.82	4340946.00	0.00668	671247.13	4340946.00	0.00599
671468.44	4340946.00	0.00567	671689.75	4340946.00	0.00617
671911.06	4340946.00	0.00606	672132.37	4340946.00	0.00472
672353.68	4340946.00	0.00503	672574.99	4340946.00	0.00566
668148.79	4341110.96	0.13892	668370.10	4341110.96	0.13243
668591.41	4341110.96	0.08412	668812.72	4341110.96	0.06932
669034.03	4341110.96	0.04965	669255.34	4341110.96	0.05115
669476.65	4341110.96	0.03901	669697.96	4341110.96	0.02448
669919.27	4341110.96	0.02023	670140.58	4341110.96	0.01349
670361.89	4341110.96	0.01221	670583.20	4341110.96	0.00984
670804.51	4341110.96	0.00756	671025.82	4341110.96	0.00672
671247.13	4341110.96	0.00653	671468.44	4341110.96	0.00596
671689.75	4341110.96	0.00692	671911.06	4341110.96	0.00650
672132.37	4341110.96	0.00495	672353.68	4341110.96	0.00475
672574.99	4341110.96	0.00576	668148.79	4341275.92	0.14960
668370.10	4341275.92	0.12960	668591.41	4341275.92	0.08517
668812.72	4341275.92	0.05624	669034.03	4341275.92	0.03523
669255.34	4341275.92	0.03807	669476.65	4341275.92	0.04286
669697.96	4341275.92	0.03076	669919.27	4341275.92	0.01738
670140.58	4341275.92	0.01287	670361.89	4341275.92	0.01190
670583.20	4341275.92	0.00899	670804.51	4341275.92	0.00794
671025.82	4341275.92	0.00715	671247.13	4341275.92	0.00719
671468.44	4341275.92	0.00769	671689.75	4341275.92	0.00781

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.00709	672132.37	4341275.92	0.00529
672353.68	4341275.92	0.00472	672574.99	4341275.92	0.00601
668148.79	4341440.88	0.18424	668370.10	4341440.88	0.12629
668591.41	4341440.88	0.08996	668812.72	4341440.88	0.05637
669034.03	4341440.88	0.04077	669255.34	4341440.88	0.04686
669476.65	4341440.88	0.04474	669697.96	4341440.88	0.02845
669919.27	4341440.88	0.01718	670140.58	4341440.88	0.01372
670361.89	4341440.88	0.01178	670583.20	4341440.88	0.00933
670804.51	4341440.88	0.00932	671025.82	4341440.88	0.00798
671689.75	4341440.88	0.00943	671911.06	4341440.88	0.00739
672132.37	4341440.88	0.00564	672353.68	4341440.88	0.00553
672574.99	4341440.88	0.00777	668148.79	4341605.84	0.14434
668370.10	4341605.84	0.08954	668591.41	4341605.84	0.08095
668812.72	4341605.84	0.06841	669034.03	4341605.84	0.05686
669255.34	4341605.84	0.05095	669476.65	4341605.84	0.04416
669697.96	4341605.84	0.02762	669919.27	4341605.84	0.01744
670140.58	4341605.84	0.01539	670361.89	4341605.84	0.01183
670583.20	4341605.84	0.01050	670804.51	4341605.84	0.01093
671025.82	4341605.84	0.00938	671689.75	4341605.84	0.01003
671911.06	4341605.84	0.00818	672132.37	4341605.84	0.00682
672353.68	4341605.84	0.00656	672574.99	4341605.84	0.00898
668148.79	4341770.80	0.25446	668370.10	4341770.80	0.09931
668591.41	4341770.80	0.12141	668812.72	4341770.80	0.09564
669034.03	4341770.80	0.06666	669255.34	4341770.80	0.04696
669476.65	4341770.80	0.03783	669697.96	4341770.80	0.02407
669919.27	4341770.80	0.01854	670140.58	4341770.80	0.01560
670361.89	4341770.80	0.01238	670583.20	4341770.80	0.01256
670804.51	4341770.80	0.01307	671025.82	4341770.80	0.01254
671689.75	4341770.80	0.00916	671911.06	4341770.80	0.00898
672132.37	4341770.80	0.00693	672353.68	4341770.80	0.00621
672574.99	4341770.80	0.00951	668148.79	4341935.76	0.29195
668370.10	4341935.76	0.28883	668591.41	4341935.76	0.14303
668812.72	4341935.76	0.09574	669034.03	4341935.76	0.06470
669255.34	4341935.76	0.04516	669476.65	4341935.76	0.03426
669697.96	4341935.76	0.02355	669919.27	4341935.76	0.01880
670140.58	4341935.76	0.01556	670361.89	4341935.76	0.01419
670583.20	4341935.76	0.01480	670804.51	4341935.76	0.01899
671468.44	4341935.76	0.01001	671689.75	4341935.76	0.00950
671911.06	4341935.76	0.00952	672132.37	4341935.76	0.00750
672353.68	4341935.76	0.00664	672574.99	4341935.76	0.00860

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.52690	668370.10	4342100.72	0.25782
668591.41	4342100.72	0.12494	668812.72	4342100.72	0.11144
669034.03	4342100.72	0.07256	669255.34	4342100.72	0.05555
669476.65	4342100.72	0.03844	669697.96	4342100.72	0.02771
669919.27	4342100.72	0.02279	670140.58	4342100.72	0.01824
670361.89	4342100.72	0.02050	670583.20	4342100.72	0.02556
671468.44	4342100.72	0.01001	671689.75	4342100.72	0.00986
671911.06	4342100.72	0.01021	672132.37	4342100.72	0.00870
672353.68	4342100.72	0.00732	672574.99	4342100.72	0.00859
668148.79	4342265.68	0.70326	668370.10	4342265.68	0.32782
668591.41	4342265.68	0.36369	668812.72	4342265.68	0.25135
669034.03	4342265.68	0.17945	669255.34	4342265.68	0.10821
669476.65	4342265.68	0.06852	669697.96	4342265.68	0.04138
669919.27	4342265.68	0.03420	670140.58	4342265.68	0.02881
670361.89	4342265.68	0.03010	670583.20	4342265.68	0.02725
670804.51	4342265.68	0.02206	671025.82	4342265.68	0.01526
671247.13	4342265.68	0.01485	671468.44	4342265.68	0.01177
671689.75	4342265.68	0.01121	671911.06	4342265.68	0.01034
672132.37	4342265.68	0.00969	672353.68	4342265.68	0.00862
672574.99	4342265.68	0.00972	668148.79	4342430.64	0.50260
668370.10	4342430.64	0.88521	668591.41	4342430.64	0.63815
668812.72	4342430.64	0.68683	669034.03	4342430.64	0.69917
669255.34	4342430.64	0.39497	669476.65	4342430.64	0.12846
669697.96	4342430.64	0.10267	669919.27	4342430.64	0.06835
670140.58	4342430.64	0.05058	670361.89	4342430.64	0.03815
670583.20	4342430.64	0.02325	670804.51	4342430.64	0.02166
671025.82	4342430.64	0.01941	671247.13	4342430.64	0.01412
671468.44	4342430.64	0.01259	671689.75	4342430.64	0.01122
671911.06	4342430.64	0.01029	672132.37	4342430.64	0.00987
672353.68	4342430.64	0.01046	672574.99	4342430.64	0.01101
668148.79	4342595.60	0.61908	668370.10	4342595.60	0.73301
668591.41	4342595.60	0.85037	668812.72	4342595.60	0.94925
669034.03	4342595.60	0.97878	669255.34	4342595.60	0.49338
669476.65	4342595.60	0.34854	669697.96	4342595.60	0.12072
669919.27	4342595.60	0.09733	670140.58	4342595.60	0.05029
670361.89	4342595.60	0.03517	670583.20	4342595.60	0.02357
670804.51	4342595.60	0.02215	671025.82	4342595.60	0.02084
671247.13	4342595.60	0.01653	671468.44	4342595.60	0.01281
671689.75	4342595.60	0.01118	671911.06	4342595.60	0.01025

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672132.37 4342595.60 0.01016 672353.68 4342595.60 0.01088
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP8 ***
INCLUDING SOURCE(S): STCK10 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.01097	668148.79	4342760.56	1.20899
668370.10	4342760.56	1.87696	668591.41	4342760.56	1.19734
668812.72	4342760.56	1.47011	669034.03	4342760.56	0.66774
669255.34	4342760.56	0.36516	669476.65	4342760.56	0.32808
669697.96	4342760.56	0.08507	669919.27	4342760.56	0.06639
670140.58	4342760.56	0.04315	670361.89	4342760.56	0.03650
670583.20	4342760.56	0.02774	670804.51	4342760.56	0.02397
671025.82	4342760.56	0.02048	671247.13	4342760.56	0.01655
671468.44	4342760.56	0.01425	671689.75	4342760.56	0.01269
671911.06	4342760.56	0.01122	672132.37	4342760.56	0.01082
672353.68	4342760.56	0.01150	672574.99	4342760.56	0.01117
668148.79	4342925.52	1.39059	668370.10	4342925.52	2.29810
668591.41	4342925.52	2.77696	668812.72	4342925.52	2.51297
669034.03	4342925.52	1.26744	669476.65	4342925.52	0.30411
669697.96	4342925.52	0.10165	669919.27	4342925.52	0.07128
670140.58	4342925.52	0.05348	670361.89	4342925.52	0.04164
670583.20	4342925.52	0.03609	670804.51	4342925.52	0.02886
671025.82	4342925.52	0.02168	671247.13	4342925.52	0.01905
671468.44	4342925.52	0.01601	671689.75	4342925.52	0.01417
671911.06	4342925.52	0.01247	672132.37	4342925.52	0.01108
672353.68	4342925.52	0.01129	672574.99	4342925.52	0.01139
668148.79	4343090.48	0.92796	668370.10	4343090.48	1.45231
668591.41	4343090.48	3.72656	669476.65	4343090.48	0.48129
669697.96	4343090.48	0.22135	669919.27	4343090.48	0.11710
670140.58	4343090.48	0.07180	670361.89	4343090.48	0.06077
670583.20	4343090.48	0.05314	670804.51	4343090.48	0.03558
671025.82	4343090.48	0.02479	671247.13	4343090.48	0.02112
671468.44	4343090.48	0.01745	671689.75	4343090.48	0.01492
671911.06	4343090.48	0.01296	672132.37	4343090.48	0.01147
672353.68	4343090.48	0.01010	672574.99	4343090.48	0.00988
668148.79	4343255.44	0.96310	668370.10	4343255.44	1.55902
668591.41	4343255.44	3.03000	669476.65	4343255.44	0.59375
669697.96	4343255.44	0.29126	669919.27	4343255.44	0.15921
670140.58	4343255.44	0.10470	670361.89	4343255.44	0.08355
670583.20	4343255.44	0.07088	670804.51	4343255.44	0.04475
671025.82	4343255.44	0.02625	671247.13	4343255.44	0.02161
671468.44	4343255.44	0.01809	671689.75	4343255.44	0.01505
671911.06	4343255.44	0.01294	672132.37	4343255.44	0.01147


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672353.68 4343255.44 0.01023 672574.99 4343255.44 0.00901
668148.79 4343420.40 1.01925 668370.10 4343420.40 1.65876
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP8 ***
INCLUDING SOURCE(S): STCK10 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
-----
668591.41 4343420.40 3.21811 668812.72 4343420.40 9.64715
669034.03 4343420.40 101.37076 669255.34 4343420.40 8.24380
669476.65 4343420.40 1.44453 669697.96 4343420.40 0.31384
669919.27 4343420.40 0.18683 670140.58 4343420.40 0.14790
670361.89 4343420.40 0.10205 670583.20 4343420.40 0.07630
670804.51 4343420.40 0.04468 671025.82 4343420.40 0.02937
671247.13 4343420.40 0.02300 671468.44 4343420.40 0.01805
671689.75 4343420.40 0.01517 671911.06 4343420.40 0.01294
672132.37 4343420.40 0.01131 672353.68 4343420.40 0.01004
672574.99 4343420.40 0.00896 668148.79 4343585.36 0.72822
668370.10 4343585.36 1.33152 668591.41 4343585.36 2.92117
668812.72 4343585.36 6.34447 669034.03 4343585.36 7.35862
669255.34 4343585.36 2.07477 669476.65 4343585.36 0.74419
669697.96 4343585.36 0.51269 669919.27 4343585.36 0.28262
670140.58 4343585.36 0.17109 670361.89 4343585.36 0.11058
670583.20 4343585.36 0.07257 670804.51 4343585.36 0.04930
671025.82 4343585.36 0.03535 671247.13 4343585.36 0.02275
671468.44 4343585.36 0.01841 671689.75 4343585.36 0.01563
671911.06 4343585.36 0.01313 672132.37 4343585.36 0.01147
672353.68 4343585.36 0.01007 672574.99 4343585.36 0.00903
668148.79 4343750.32 0.97886 668370.10 4343750.32 0.71116
668591.41 4343750.32 1.45485 668812.72 4343750.32 2.84207
669034.03 4343750.32 2.04638 669255.34 4343750.32 1.04472
669476.65 4343750.32 0.53502 669697.96 4343750.32 0.33750
669919.27 4343750.32 0.22407 670140.58 4343750.32 0.14705
670361.89 4343750.32 0.09419 670583.20 4343750.32 0.07735
670804.51 4343750.32 0.05734 671025.82 4343750.32 0.04050
671247.13 4343750.32 0.02573 671468.44 4343750.32 0.02151
671689.75 4343750.32 0.01830 671911.06 4343750.32 0.01418
672132.37 4343750.32 0.01168 672353.68 4343750.32 0.00995
672574.99 4343750.32 0.00900 668148.79 4343915.28 1.17897
668370.10 4343915.28 0.80994 668591.41 4343915.28 0.97993
668812.72 4343915.28 1.28849 669034.03 4343915.28 1.10801
669255.34 4343915.28 0.67281 669476.65 4343915.28 0.35868
669697.96 4343915.28 0.25854 669919.27 4343915.28 0.18513
670140.58 4343915.28 0.11320 670361.89 4343915.28 0.08298
670583.20 4343915.28 0.06192 670804.51 4343915.28 0.04928

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671025.82	4343915.28	0.03579	671247.13	4343915.28	0.03373
671468.44	4343915.28	0.02122	671689.75	4343915.28	0.01635
671911.06	4343915.28	0.01323	672132.37	4343915.28	0.01166

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.01016	672574.99	4343915.28	0.00896
668148.79	4344080.24	0.85396	668370.10	4344080.24	0.88999
668591.41	4344080.24	0.84255	668812.72	4344080.24	0.78169
669034.03	4344080.24	0.69603	669255.34	4344080.24	0.47783
669476.65	4344080.24	0.31973	669697.96	4344080.24	0.20693
669919.27	4344080.24	0.13812	670140.58	4344080.24	0.08156
670361.89	4344080.24	0.07601	670583.20	4344080.24	0.05389
670804.51	4344080.24	0.03777	671025.82	4344080.24	0.02687
671247.13	4344080.24	0.02803	671468.44	4344080.24	0.02397
671689.75	4344080.24	0.01460	671911.06	4344080.24	0.01161
672132.37	4344080.24	0.01001	672353.68	4344080.24	0.00908
672574.99	4344080.24	0.00808	671464.71	4342094.27	0.00998
671482.23	4342063.91	0.00988	671498.58	4342030.05	0.00971
671513.75	4341991.52	0.00959	671541.78	4341964.66	0.00944
671575.64	4341974.00	0.00920	671460.75	4342162.97	0.01045
671451.00	4342187.35	0.01073	671510.73	4342219.66	0.01099
671524.14	4342192.84	0.01050	671522.92	4342250.74	0.01138
671599.11	4342252.57	0.01112	671627.76	4342256.84	0.01114
671583.88	4342116.03	0.00947	671595.46	4342071.54	0.00916
671663.12	4342056.30	0.00938	671600.94	4342030.09	0.00911
671526.58	4342155.65	0.01005	671628.98	4342292.19	0.01151
671641.78	4341980.71	0.00920	671666.77	4342018.51	0.00933
671407.11	4342219.66	0.01137	671415.64	4342183.08	0.01095
671635.08	4341706.42	0.00944	671693.59	4341710.08	0.00941
671719.80	4341736.29	0.00945	671673.48	4341630.23	0.00976
671888.04	4341936.22	0.00970	671977.64	4341952.07	0.00906
672039.21	4341894.77	0.00807	671858.17	4341753.96	0.00947
671922.78	4341634.49	0.00819	671613.74	4341791.15	0.00928
671853.29	4341730.80	0.00933	671783.81	4341585.73	0.00930
671783.20	4341546.72	0.00916	671769.18	4341461.38	0.00899
671800.87	4341420.54	0.00857	671880.11	4341427.25	0.00765
672012.39	4341504.66	0.00636	672084.31	4341547.94	0.00652
671915.47	4341478.45	0.00746	671903.28	4341564.40	0.00803
671863.05	4341522.34	0.00824	671830.13	4341336.43	0.00813
671835.62	4341287.66	0.00797	671825.87	4341275.47	0.00798
672136.73	4341370.56	0.00535	671920.34	4341307.17	0.00692

671695.42	4341257.19	0.00766	671682.01	4341176.12	0.00702
671991.66	4341196.23	0.00658	672022.14	4341231.59	0.00635
671992.27	4341177.95	0.00630	671540.60	4341238.29	0.00662
671575.34	4341177.95	0.00618	671454.65	4341196.23	0.00651

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.00595	671413.20	4341126.74	0.00631
671471.11	4341064.57	0.00585	671601.55	4341050.55	0.00630
671198.64	4341253.53	0.00686	671278.49	4341212.08	0.00685
671230.34	4341132.84	0.00650	671073.08	4341271.82	0.00699
671122.45	4341373.61	0.00754	671118.79	4341397.38	0.00772
670978.40	4341324.15	0.00754	670932.85	4341394.21	0.00816
670935.19	4341367.36	0.00802	671108.01	4340976.17	0.00638
671286.67	4340978.51	0.00602	671675.37	4342488.78	0.01115
671091.40	4342277.23	0.01542	671051.75	4342332.07	0.01585
671051.75	4342369.20	0.01676	670953.04	4342360.76	0.01704
670695.71	4342235.89	0.02156	670545.53	4342318.58	0.02733
670711.74	4342488.16	0.02099	670648.30	4342501.73	0.02132
670648.30	4342630.87	0.02232	670806.29	4342728.41	0.02341
670688.15	4342739.41	0.02398	670804.92	4342427.55	0.02171
670439.48	4342471.51	0.03134	670358.43	4342578.67	0.03544
670546.64	4342662.47	0.02682	670537.03	4342595.15	0.02487
670483.45	4342776.50	0.03158	670508.17	4342754.52	0.03017
670517.79	4342868.54	0.03345	670545.27	4342850.69	0.03155
670582.36	4342878.16	0.03166	670304.85	4342688.57	0.03665
670039.70	4342661.10	0.06033	670156.48	4342673.46	0.04593
670236.16	4342648.73	0.04034	670071.30	4342738.03	0.05089
669990.24	4342753.14	0.05874	669928.42	4342742.15	0.06737
669815.77	4342673.46	0.08109	669742.96	4342655.60	0.08957
669791.04	4342744.90	0.07596	669696.25	4342731.16	0.08671
669536.88	4342552.57	0.31021	671174.86	4342280.21	0.01565
671068.38	4342169.93	0.01569	670965.71	4342179.44	0.01693
670815.50	4342198.45	0.02178	670737.55	4342097.68	0.02397
670762.27	4342069.16	0.02330	670817.40	4342040.64	0.02184
670895.36	4342025.43	0.02010	670979.02	4341915.15	0.01799
671115.92	4341863.81	0.01553	671199.58	4341770.65	0.01421
671222.39	4341377.07	0.00801	671714.84	4341392.28	0.00886
671366.89	4341998.81	0.01187	671226.19	4342236.48	0.01491
669098.44	4343411.59	117.80026	668908.63	4343364.56	23.20107
668851.52	4343359.52	13.14767	668831.37	4343371.27	11.24168
668733.94	4343302.41	5.78216	668686.91	4343199.95	6.08131

668671.79	4343089.09	5.43612	668806.17	4343001.74	4.24069
668918.71	4343025.26	3.18301	669024.53	4342942.95	1.59112
669288.24	4342916.08	0.50400	669333.59	4342922.80	0.47961
669365.51	4342978.23	0.55196	669336.95	4343151.23	1.14835
669303.36	4343304.09	2.39242	669222.73	4343235.22	3.55646

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 46.32002

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	0.07766	668370.10	4340781.04	0.09320
668591.41	4340781.04	0.10865	668812.72	4340781.04	0.12146
669034.03	4340781.04	0.14119	669255.34	4340781.04	0.16633
669476.65	4340781.04	0.17581	669697.96	4340781.04	0.18938
669919.27	4340781.04	0.17608	670140.58	4340781.04	0.15239
670361.89	4340781.04	0.11097	670583.20	4340781.04	0.08647
670804.51	4340781.04	0.07538	671025.82	4340781.04	0.06431
671247.13	4340781.04	0.05152	671468.44	4340781.04	0.04918
671689.75	4340781.04	0.03436	671911.06	4340781.04	0.03205
672132.37	4340781.04	0.02491	672353.68	4340781.04	0.02447
672574.99	4340781.04	0.01977	668148.79	4340946.00	0.06772
668370.10	4340946.00	0.08084	668591.41	4340946.00	0.09545
668812.72	4340946.00	0.11141	669034.03	4340946.00	0.13742
669255.34	4340946.00	0.16186	669476.65	4340946.00	0.17657
669697.96	4340946.00	0.21814	669919.27	4340946.00	0.22538
670140.58	4340946.00	0.19357	670361.89	4340946.00	0.15138
670583.20	4340946.00	0.10640	670804.51	4340946.00	0.09165

671025.82	4340946.00	0.07586	671247.13	4340946.00	0.05766
671468.44	4340946.00	0.04875	671689.75	4340946.00	0.03872
671911.06	4340946.00	0.03470	672132.37	4340946.00	0.02660
672353.68	4340946.00	0.02458	672574.99	4340946.00	0.02130
668148.79	4341110.96	0.05981	668370.10	4341110.96	0.06927
668591.41	4341110.96	0.08410	668812.72	4341110.96	0.10026
669034.03	4341110.96	0.12271	669255.34	4341110.96	0.14244
669476.65	4341110.96	0.17444	669697.96	4341110.96	0.22374
669919.27	4341110.96	0.25157	670140.58	4341110.96	0.26245
670361.89	4341110.96	0.22942	670583.20	4341110.96	0.15878
670804.51	4341110.96	0.11403	671025.82	4341110.96	0.08722
671247.13	4341110.96	0.07335	671468.44	4341110.96	0.05386
671689.75	4341110.96	0.04521	671911.06	4341110.96	0.03923
672132.37	4341110.96	0.02731	672353.68	4341110.96	0.02404
672574.99	4341110.96	0.02419	668148.79	4341275.92	0.05313
668370.10	4341275.92	0.06114	668591.41	4341275.92	0.07284
668812.72	4341275.92	0.08960	669034.03	4341275.92	0.11918
669255.34	4341275.92	0.13761	669476.65	4341275.92	0.15934
669697.96	4341275.92	0.20138	669919.27	4341275.92	0.26543
670140.58	4341275.92	0.36186	670361.89	4341275.92	0.35299
670583.20	4341275.92	0.24466	670804.51	4341275.92	0.14478
671025.82	4341275.92	0.10974	671247.13	4341275.92	0.09683
671468.44	4341275.92	0.06489	671689.75	4341275.92	0.05108

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.04420	672132.37	4341275.92	0.03273
672353.68	4341275.92	0.02563	672574.99	4341275.92	0.02838
668148.79	4341440.88	0.04735	668370.10	4341440.88	0.05402
668591.41	4341440.88	0.06282	668812.72	4341440.88	0.07857
669034.03	4341440.88	0.10070	669255.34	4341440.88	0.10773
669476.65	4341440.88	0.13488	669697.96	4341440.88	0.18326
669919.27	4341440.88	0.26491	670140.58	4341440.88	0.40277
670361.89	4341440.88	0.50880	670583.20	4341440.88	0.41897
670804.51	4341440.88	0.22987	671025.82	4341440.88	0.16028
671689.75	4341440.88	0.06499	671911.06	4341440.88	0.05155
672132.37	4341440.88	0.04141	672353.68	4341440.88	0.03907
672574.99	4341440.88	0.03432	668148.79	4341605.84	0.04404
668370.10	4341605.84	0.04952	668591.41	4341605.84	0.05634
668812.72	4341605.84	0.06540	669034.03	4341605.84	0.07436
669255.34	4341605.84	0.08684	669476.65	4341605.84	0.10876
669697.96	4341605.84	0.13836	669919.27	4341605.84	0.21841

670140.58	4341605.84	0.35756	670361.89	4341605.84	0.54930
670583.20	4341605.84	0.70554	670804.51	4341605.84	0.47627
671025.82	4341605.84	0.23572	671689.75	4341605.84	0.09051
671911.06	4341605.84	0.06814	672132.37	4341605.84	0.05775
672353.68	4341605.84	0.04629	672574.99	4341605.84	0.04042
668148.79	4341770.80	0.03920	668370.10	4341770.80	0.04475
668591.41	4341770.80	0.04811	668812.72	4341770.80	0.05446
669034.03	4341770.80	0.06215	669255.34	4341770.80	0.07782
669476.65	4341770.80	0.08226	669697.96	4341770.80	0.10422
669919.27	4341770.80	0.16077	670140.58	4341770.80	0.24973
670361.89	4341770.80	0.38702	670583.20	4341770.80	0.82780
670804.51	4341770.80	0.67371	671025.82	4341770.80	0.20816
671689.75	4341770.80	0.12340	671911.06	4341770.80	0.09256
672132.37	4341770.80	0.06803	672353.68	4341770.80	0.04962
672574.99	4341770.80	0.04607	668148.79	4341935.76	0.03531
668370.10	4341935.76	0.03862	668591.41	4341935.76	0.04293
668812.72	4341935.76	0.04850	669034.03	4341935.76	0.05592
669255.34	4341935.76	0.05717	669476.65	4341935.76	0.06704
669697.96	4341935.76	0.10425	669919.27	4341935.76	0.13624
670140.58	4341935.76	0.17566	670361.89	4341935.76	0.25594
670583.20	4341935.76	0.35733	670804.51	4341935.76	0.58030
671468.44	4341935.76	0.30325	671689.75	4341935.76	0.19001
671911.06	4341935.76	0.12210	672132.37	4341935.76	0.08319
672353.68	4341935.76	0.05584	672574.99	4341935.76	0.04822

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.03390	668370.10	4342100.72	0.03722
668591.41	4342100.72	0.04164	668812.72	4342100.72	0.04529
669034.03	4342100.72	0.05161	669255.34	4342100.72	0.05365
669476.65	4342100.72	0.05633	669697.96	4342100.72	0.07654
669919.27	4342100.72	0.10138	670140.58	4342100.72	0.14951
670361.89	4342100.72	0.10108	670583.20	4342100.72	0.14120
671468.44	4342100.72	0.44778	671689.75	4342100.72	0.22998
671911.06	4342100.72	0.13776	672132.37	4342100.72	0.09295
672353.68	4342100.72	0.06462	672574.99	4342100.72	0.05041
668148.79	4342265.68	0.03460	668370.10	4342265.68	0.03793
668591.41	4342265.68	0.04000	668812.72	4342265.68	0.04333
669034.03	4342265.68	0.04526	669255.34	4342265.68	0.04849
669476.65	4342265.68	0.05212	669697.96	4342265.68	0.05956
669919.27	4342265.68	0.06263	670140.58	4342265.68	0.06888
670361.89	4342265.68	0.08139	670583.20	4342265.68	0.10993

670804.51	4342265.68	0.24433	671025.82	4342265.68	1.34609
671247.13	4342265.68	0.87840	671468.44	4342265.68	0.37850
671689.75	4342265.68	0.21615	671911.06	4342265.68	0.13820
672132.37	4342265.68	0.09356	672353.68	4342265.68	0.06735
672574.99	4342265.68	0.05439	668148.79	4342430.64	0.03601
668370.10	4342430.64	0.03913	668591.41	4342430.64	0.04164
668812.72	4342430.64	0.04495	669034.03	4342430.64	0.04677
669255.34	4342430.64	0.04841	669476.65	4342430.64	0.05094
669697.96	4342430.64	0.05281	669919.27	4342430.64	0.05682
670140.58	4342430.64	0.06352	670361.89	4342430.64	0.08867
670583.20	4342430.64	0.16823	670804.51	4342430.64	0.47886
671025.82	4342430.64	1.15549	671247.13	4342430.64	0.81402
671468.44	4342430.64	0.31734	671689.75	4342430.64	0.18399
671911.06	4342430.64	0.11909	672132.37	4342430.64	0.08522
672353.68	4342430.64	0.06609	672574.99	4342430.64	0.05404
668148.79	4342595.60	0.03853	668370.10	4342595.60	0.04143
668591.41	4342595.60	0.04482	668812.72	4342595.60	0.04877
669034.03	4342595.60	0.05136	669255.34	4342595.60	0.05322
669476.65	4342595.60	0.05421	669697.96	4342595.60	0.05662
669919.27	4342595.60	0.06007	670140.58	4342595.60	0.08290
670361.89	4342595.60	0.16097	670583.20	4342595.60	0.38860
670804.51	4342595.60	0.57340	671025.82	4342595.60	0.80574
671247.13	4342595.60	0.60637	671468.44	4342595.60	0.27116
671689.75	4342595.60	0.14420	671911.06	4342595.60	0.10017
672132.37	4342595.60	0.07600	672353.68	4342595.60	0.05957

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.05051	668148.79	4342760.56	0.04170
668370.10	4342760.56	0.04533	668591.41	4342760.56	0.04886
668812.72	4342760.56	0.05298	669034.03	4342760.56	0.05601
669255.34	4342760.56	0.05686	669476.65	4342760.56	0.05619
669697.96	4342760.56	0.06645	669919.27	4342760.56	0.08193
670140.58	4342760.56	0.12153	670361.89	4342760.56	0.20896
670583.20	4342760.56	0.39510	670804.51	4342760.56	0.49580
671025.82	4342760.56	0.56814	671247.13	4342760.56	0.43157
671468.44	4342760.56	0.24099	671689.75	4342760.56	0.13174
671911.06	4342760.56	0.08113	672132.37	4342760.56	0.06832
672353.68	4342760.56	0.05330	672574.99	4342760.56	0.04347
668148.79	4342925.52	0.04502	668370.10	4342925.52	0.04851
668591.41	4342925.52	0.05190	668812.72	4342925.52	0.05428
669034.03	4342925.52	0.05579	669476.65	4342925.52	0.05880

669697.96	4342925.52	0.08267	669919.27	4342925.52	0.10503
670140.58	4342925.52	0.17099	670361.89	4342925.52	0.25423
670583.20	4342925.52	0.31826	670804.51	4342925.52	0.38963
671025.82	4342925.52	0.39233	671247.13	4342925.52	0.32633
671468.44	4342925.52	0.19310	671689.75	4342925.52	0.11554
671911.06	4342925.52	0.07314	672132.37	4342925.52	0.05174
672353.68	4342925.52	0.04950	672574.99	4342925.52	0.03919
668148.79	4343090.48	0.04660	668370.10	4343090.48	0.04886
668591.41	4343090.48	0.05099	669476.65	4343090.48	0.06575
669697.96	4343090.48	0.08653	669919.27	4343090.48	0.12823
670140.58	4343090.48	0.17924	670361.89	4343090.48	0.24316
670583.20	4343090.48	0.27393	670804.51	4343090.48	0.31406
671025.82	4343090.48	0.29146	671247.13	4343090.48	0.25102
671468.44	4343090.48	0.16326	671689.75	4343090.48	0.10192
671911.06	4343090.48	0.06620	672132.37	4343090.48	0.04776
672353.68	4343090.48	0.03552	672574.99	4343090.48	0.03434
668148.79	4343255.44	0.04582	668370.10	4343255.44	0.04673
668591.41	4343255.44	0.04777	669476.65	4343255.44	0.07849
669697.96	4343255.44	0.10110	669919.27	4343255.44	0.13751
670140.58	4343255.44	0.17865	670361.89	4343255.44	0.20395
670583.20	4343255.44	0.22208	670804.51	4343255.44	0.25903
671025.82	4343255.44	0.22943	671247.13	4343255.44	0.19394
671468.44	4343255.44	0.14215	671689.75	4343255.44	0.09073
671911.06	4343255.44	0.06053	672132.37	4343255.44	0.04361
672353.68	4343255.44	0.03346	672574.99	4343255.44	0.02581
668148.79	4343420.40	0.04366	668370.10	4343420.40	0.04439

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.04609	668812.72	4343420.40	0.05023
669034.03	4343420.40	0.05736	669255.34	4343420.40	0.06869
669476.65	4343420.40	0.08403	669697.96	4343420.40	0.11223
669919.27	4343420.40	0.13636	670140.58	4343420.40	0.15274
670361.89	4343420.40	0.17366	670583.20	4343420.40	0.18768
670804.51	4343420.40	0.21322	671025.82	4343420.40	0.19691
671247.13	4343420.40	0.17083	671468.44	4343420.40	0.11932
671689.75	4343420.40	0.08258	671911.06	4343420.40	0.05603
672132.37	4343420.40	0.04006	672353.68	4343420.40	0.03024
672574.99	4343420.40	0.02392	668148.79	4343585.36	0.04259
668370.10	4343585.36	0.04449	668591.41	4343585.36	0.04730
668812.72	4343585.36	0.05401	669034.03	4343585.36	0.06397
669255.34	4343585.36	0.07666	669476.65	4343585.36	0.09198

669697.96	4343585.36	0.10663	669919.27	4343585.36	0.12386
670140.58	4343585.36	0.13967	670361.89	4343585.36	0.15245
670583.20	4343585.36	0.16223	670804.51	4343585.36	0.16900
671025.82	4343585.36	0.16673	671247.13	4343585.36	0.14342
671468.44	4343585.36	0.10979	671689.75	4343585.36	0.08107
671911.06	4343585.36	0.05485	672132.37	4343585.36	0.03967
672353.68	4343585.36	0.02899	672574.99	4343585.36	0.02292
668148.79	4343750.32	0.04219	668370.10	4343750.32	0.04686
668591.41	4343750.32	0.05177	668812.72	4343750.32	0.05881
669034.03	4343750.32	0.07333	669255.34	4343750.32	0.08535
669476.65	4343750.32	0.09519	669697.96	4343750.32	0.10691
669919.27	4343750.32	0.11794	670140.58	4343750.32	0.12850
670361.89	4343750.32	0.13841	670583.20	4343750.32	0.14010
670804.51	4343750.32	0.13977	671025.82	4343750.32	0.13408
671247.13	4343750.32	0.12264	671468.44	4343750.32	0.10269
671689.75	4343750.32	0.08213	671911.06	4343750.32	0.06282
672132.37	4343750.32	0.04249	672353.68	4343750.32	0.02930
672574.99	4343750.32	0.02295	668148.79	4343915.28	0.04286
668370.10	4343915.28	0.04900	668591.41	4343915.28	0.05731
668812.72	4343915.28	0.06526	669034.03	4343915.28	0.07880
669255.34	4343915.28	0.09132	669476.65	4343915.28	0.09839
669697.96	4343915.28	0.10389	669919.27	4343915.28	0.11072
670140.58	4343915.28	0.11850	670361.89	4343915.28	0.12214
670583.20	4343915.28	0.12467	670804.51	4343915.28	0.12291
671025.82	4343915.28	0.11836	671247.13	4343915.28	0.10353
671468.44	4343915.28	0.08990	671689.75	4343915.28	0.07287
671911.06	4343915.28	0.05774	672132.37	4343915.28	0.04507

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.03305	672574.99	4343915.28	0.02496
668148.79	4344080.24	0.04519	668370.10	4344080.24	0.05107
668591.41	4344080.24	0.05983	668812.72	4344080.24	0.07026
669034.03	4344080.24	0.08227	669255.34	4344080.24	0.09332
669476.65	4344080.24	0.09411	669697.96	4344080.24	0.09903
669919.27	4344080.24	0.10445	670140.58	4344080.24	0.11429
670361.89	4344080.24	0.10890	670583.20	4344080.24	0.11042
670804.51	4344080.24	0.11142	671025.82	4344080.24	0.10157
671247.13	4344080.24	0.09264	671468.44	4344080.24	0.08144
671689.75	4344080.24	0.06493	671911.06	4344080.24	0.04791
672132.37	4344080.24	0.03587	672353.68	4344080.24	0.02874
672574.99	4344080.24	0.02234	671464.71	4342094.27	0.45316

671482.23	4342063.91	0.41614	671498.58	4342030.05	0.37716
671513.75	4341991.52	0.32908	671541.78	4341964.66	0.28532
671575.64	4341974.00	0.26479	671460.75	4342162.97	0.44754
671451.00	4342187.35	0.44408	671510.73	4342219.66	0.35412
671524.14	4342192.84	0.35569	671522.92	4342250.74	0.32875
671599.11	4342252.57	0.27000	671627.76	4342256.84	0.25107
671583.88	4342116.03	0.30161	671595.46	4342071.54	0.28979
671663.12	4342056.30	0.24144	671600.94	4342030.09	0.27795
671526.58	4342155.65	0.35670	671628.98	4342292.19	0.23980
671641.78	4341980.71	0.23018	671666.77	4342018.51	0.23162
671407.11	4342219.66	0.48791	671415.64	4342183.08	0.50238
671635.08	4341706.42	0.10958	671693.59	4341710.08	0.10526
671719.80	4341736.29	0.10960	671673.48	4341630.23	0.09200
671888.04	4341936.22	0.12715	671977.64	4341952.07	0.11148
672039.21	4341894.77	0.09283	671858.17	4341753.96	0.09717
671922.78	4341634.49	0.07118	671613.74	4341791.15	0.14357
671853.29	4341730.80	0.09332	671783.81	4341585.73	0.07622
671783.20	4341546.72	0.07077	671769.18	4341461.38	0.06202
671800.87	4341420.54	0.05606	671880.11	4341427.25	0.05185
672012.39	4341504.66	0.05297	672084.31	4341547.94	0.05562
671915.47	4341478.45	0.05426	671903.28	4341564.40	0.06344
671863.05	4341522.34	0.06095	671830.13	4341336.43	0.04881
671835.62	4341287.66	0.04595	671825.87	4341275.47	0.04564
672136.73	4341370.56	0.03530	671920.34	4341307.17	0.04556
671695.42	4341257.19	0.05024	671682.01	4341176.12	0.04928
671991.66	4341196.23	0.03941	672022.14	4341231.59	0.03935
671992.27	4341177.95	0.03986	671540.60	4341238.29	0.05765
671575.34	4341177.95	0.05226	671454.65	4341196.23	0.06304

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.04970	671413.20	4341126.74	0.06636
671471.11	4341064.57	0.05182	671601.55	4341050.55	0.04519
671198.64	4341253.53	0.09225	671278.49	4341212.08	0.08772
671230.34	4341132.84	0.07449	671073.08	4341271.82	0.10215
671122.45	4341373.61	0.12406	671118.79	4341397.38	0.12917
670978.40	4341324.15	0.13102	670932.85	4341394.21	0.16290
670935.19	4341367.36	0.15310	671108.01	4340976.17	0.07085
671286.67	4340978.51	0.05901	671675.37	4342488.78	0.17385
671091.40	4342277.23	1.76454	671051.75	4342332.07	1.54516
671051.75	4342369.20	1.39590	670953.04	4342360.76	0.96583
670695.71	4342235.89	0.15568	670545.53	4342318.58	0.11314

670711.74	4342488.16	0.41085	670648.30	4342501.73	0.36626
670648.30	4342630.87	0.50751	670806.29	4342728.41	0.51944
670688.15	4342739.41	0.48739	670804.92	4342427.55	0.47723
670439.48	4342471.51	0.13372	670358.43	4342578.67	0.14825
670546.64	4342662.47	0.33761	670537.03	4342595.15	0.30779
670483.45	4342776.50	0.31293	670508.17	4342754.52	0.32940
670517.79	4342868.54	0.32040	670545.27	4342850.69	0.34484
670582.36	4342878.16	0.34546	670304.85	4342688.57	0.15342
670039.70	4342661.10	0.07847	670156.48	4342673.46	0.11062
670236.16	4342648.73	0.13135	670071.30	4342738.03	0.11082
669990.24	4342753.14	0.09312	669928.42	4342742.15	0.07886
669815.77	4342673.46	0.06298	669742.96	4342655.60	0.06073
669791.04	4342744.90	0.06883	669696.25	4342731.16	0.06434
669536.88	4342552.57	0.05340	671174.86	4342280.21	1.37287
671068.38	4342169.93	0.31346	670965.71	4342179.44	0.23872
670815.50	4342198.45	0.18185	670737.55	4342097.68	0.18031
670762.27	4342069.16	0.21645	670817.40	4342040.64	0.28366
670895.36	4342025.43	0.32566	670979.02	4341915.15	0.39888
671115.92	4341863.81	0.21522	671199.58	4341770.65	0.22008
671222.39	4341377.07	0.11808	671714.84	4341392.28	0.05759
671366.89	4341998.81	0.46138	671226.19	4342236.48	0.92024
669098.44	4343411.59	0.05980	668908.63	4343364.56	0.05176
668851.52	4343359.52	0.05028	668831.37	4343371.27	0.04993
668733.94	4343302.41	0.04828	668686.91	4343199.95	0.04922
668671.79	4343089.09	0.05119	668806.17	4343001.74	0.05326
668918.71	4343025.26	0.05372	669024.53	4342942.95	0.05550
669288.24	4342916.08	0.05589	669333.59	4342922.80	0.05612
669365.51	4342978.23	0.05701	669336.95	4343151.23	0.06136
669303.36	4343304.09	0.06700	669222.73	4343235.22	0.05984

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	0.05830			

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.07717	668370.10	4340781.04	0.08985
668591.41	4340781.04	0.10198	668812.72	4340781.04	0.11307
669034.03	4340781.04	0.13043	669255.34	4340781.04	0.15384
669476.65	4340781.04	0.17004	669697.96	4340781.04	0.19635
669919.27	4340781.04	0.24384	670140.58	4340781.04	0.25603
670361.89	4340781.04	0.22942	670583.20	4340781.04	0.17375
670804.51	4340781.04	0.12163	671025.82	4340781.04	0.10044
671247.13	4340781.04	0.07207	671468.44	4340781.04	0.07179
671689.75	4340781.04	0.05686	671911.06	4340781.04	0.04664
672132.37	4340781.04	0.03027	672353.68	4340781.04	0.03488
672574.99	4340781.04	0.02636	668148.79	4340946.00	0.06816
668370.10	4340946.00	0.07808	668591.41	4340946.00	0.08756
668812.72	4340946.00	0.09844	669034.03	4340946.00	0.11716
669255.34	4340946.00	0.13837	669476.65	4340946.00	0.15804
669697.96	4340946.00	0.21517	669919.27	4340946.00	0.27427
670140.58	4340946.00	0.29391	670361.89	4340946.00	0.29640
670583.20	4340946.00	0.24295	670804.51	4340946.00	0.17026
671025.82	4340946.00	0.12097	671247.13	4340946.00	0.07557
671468.44	4340946.00	0.06876	671689.75	4340946.00	0.06367
671911.06	4340946.00	0.05543	672132.37	4340946.00	0.03025
672353.68	4340946.00	0.03341	672574.99	4340946.00	0.02827
668148.79	4341110.96	0.06157	668370.10	4341110.96	0.06804
668591.41	4341110.96	0.07674	668812.72	4341110.96	0.08607
669034.03	4341110.96	0.10019	669255.34	4341110.96	0.11520
669476.65	4341110.96	0.14261	669697.96	4341110.96	0.20040
669919.27	4341110.96	0.23889	670140.58	4341110.96	0.33718
670361.89	4341110.96	0.41056	670583.20	4341110.96	0.39314
670804.51	4341110.96	0.23388	671025.82	4341110.96	0.11766
671247.13	4341110.96	0.10743	671468.44	4341110.96	0.08462
671689.75	4341110.96	0.07327	671911.06	4341110.96	0.06209
672132.37	4341110.96	0.03422	672353.68	4341110.96	0.03010
672574.99	4341110.96	0.03223	668148.79	4341275.92	0.05663
668370.10	4341275.92	0.06157	668591.41	4341275.92	0.06777
668812.72	4341275.92	0.07669	669034.03	4341275.92	0.09909
669255.34	4341275.92	0.10516	669476.65	4341275.92	0.12212
669697.96	4341275.92	0.15567	669919.27	4341275.92	0.23443
670140.58	4341275.92	0.37912	670361.89	4341275.92	0.51702
670583.20	4341275.92	0.58567	670804.51	4341275.92	0.39531
671025.82	4341275.92	0.15354	671247.13	4341275.92	0.18043
671468.44	4341275.92	0.12881	671689.75	4341275.92	0.08731

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.06896	672132.37	4341275.92	0.04306
672353.68	4341275.92	0.03261	672574.99	4341275.92	0.03857
668148.79	4341440.88	0.05288	668370.10	4341440.88	0.05674
668591.41	4341440.88	0.06101	668812.72	4341440.88	0.06899
669034.03	4341440.88	0.08242	669255.34	4341440.88	0.08549
669476.65	4341440.88	0.10218	669697.96	4341440.88	0.13603
669919.27	4341440.88	0.19773	670140.58	4341440.88	0.33100
670361.89	4341440.88	0.52681	670583.20	4341440.88	0.71053
670804.51	4341440.88	0.82902	671025.82	4341440.88	0.35541
671689.75	4341440.88	0.12364	671911.06	4341440.88	0.08056
672132.37	4341440.88	0.05878	672353.68	4341440.88	0.05324
672574.99	4341440.88	0.04843	668148.79	4341605.84	0.05124
668370.10	4341605.84	0.05428	668591.41	4341605.84	0.05737
668812.72	4341605.84	0.06145	669034.03	4341605.84	0.06631
669255.34	4341605.84	0.07357	669476.65	4341605.84	0.08642
669697.96	4341605.84	0.10578	669919.27	4341605.84	0.15476
670140.58	4341605.84	0.23429	670361.89	4341605.84	0.38979
670583.20	4341605.84	0.67138	670804.51	4341605.84	1.14000
671025.82	4341605.84	1.18767	671689.75	4341605.84	0.19452
671911.06	4341605.84	0.11300	672132.37	4341605.84	0.08604
672353.68	4341605.84	0.06418	672574.99	4341605.84	0.05864
668148.79	4341770.80	0.04857	668370.10	4341770.80	0.05191
668591.41	4341770.80	0.05287	668812.72	4341770.80	0.05571
669034.03	4341770.80	0.06029	669255.34	4341770.80	0.07174
669476.65	4341770.80	0.07603	669697.96	4341770.80	0.09110
669919.27	4341770.80	0.13269	670140.58	4341770.80	0.18650
670361.89	4341770.80	0.25569	670583.20	4341770.80	0.41422
670804.51	4341770.80	0.63689	671025.82	4341770.80	1.68918
671689.75	4341770.80	0.25122	671911.06	4341770.80	0.15586
672132.37	4341770.80	0.10060	672353.68	4341770.80	0.06690
672574.99	4341770.80	0.06607	668148.79	4341935.76	0.04717
668370.10	4341935.76	0.04905	668591.41	4341935.76	0.05115
668812.72	4341935.76	0.05398	669034.03	4341935.76	0.05942
669255.34	4341935.76	0.06527	669476.65	4341935.76	0.07032
669697.96	4341935.76	0.10192	669919.27	4341935.76	0.12869
670140.58	4341935.76	0.16060	670361.89	4341935.76	0.21753
670583.20	4341935.76	0.20895	670804.51	4341935.76	0.32152
671468.44	4341935.76	1.03575	671689.75	4341935.76	0.35194
671911.06	4341935.76	0.18720	672132.37	4341935.76	0.11251
672353.68	4341935.76	0.06877	672574.99	4341935.76	0.06247

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.04898	668370.10	4342100.72	0.05136
668591.41	4342100.72	0.05406	668812.72	4342100.72	0.05595
669034.03	4342100.72	0.06197	669255.34	4342100.72	0.06840
669476.65	4342100.72	0.07265	669697.96	4342100.72	0.09823
669919.27	4342100.72	0.12826	670140.58	4342100.72	0.19066
670361.89	4342100.72	0.11699	670583.20	4342100.72	0.14904
671468.44	4342100.72	0.81659	671689.75	4342100.72	0.31438
671911.06	4342100.72	0.18250	672132.37	4342100.72	0.11809
672353.68	4342100.72	0.07335	672574.99	4342100.72	0.06163
668148.79	4342265.68	0.05270	668370.10	4342265.68	0.05545
668591.41	4342265.68	0.05612	668812.72	4342265.68	0.05783
669034.03	4342265.68	0.05974	669255.34	4342265.68	0.06361
669476.65	4342265.68	0.06860	669697.96	4342265.68	0.08035
669919.27	4342265.68	0.08812	670140.58	4342265.68	0.09716
670361.89	4342265.68	0.12167	670583.20	4342265.68	0.17965
670804.51	4342265.68	0.39570	671025.82	4342265.68	1.16903
671247.13	4342265.68	2.00289	671468.44	4342265.68	0.73601
671689.75	4342265.68	0.27735	671911.06	4342265.68	0.15643
672132.37	4342265.68	0.10491	672353.68	4342265.68	0.07862
672574.99	4342265.68	0.06661	668148.79	4342430.64	0.05567
668370.10	4342430.64	0.05833	668591.41	4342430.64	0.05923
668812.72	4342430.64	0.06066	669034.03	4342430.64	0.06253
669255.34	4342430.64	0.06537	669476.65	4342430.64	0.07049
669697.96	4342430.64	0.07633	669919.27	4342430.64	0.08649
670140.58	4342430.64	0.10224	670361.89	4342430.64	0.14295
670583.20	4342430.64	0.24701	670804.51	4342430.64	0.51567
671025.82	4342430.64	0.93391	671247.13	4342430.64	1.01985
671468.44	4342430.64	0.56165	671689.75	4342430.64	0.24499
671911.06	4342430.64	0.14081	672132.37	4342430.64	0.09544
672353.68	4342430.64	0.07427	672574.99	4342430.64	0.06437
668148.79	4342595.60	0.05930	668370.10	4342595.60	0.06220
668591.41	4342595.60	0.06420	668812.72	4342595.60	0.06655
669034.03	4342595.60	0.06928	669255.34	4342595.60	0.07255
669476.65	4342595.60	0.07586	669697.96	4342595.60	0.08278
669919.27	4342595.60	0.09295	670140.58	4342595.60	0.12495
670361.89	4342595.60	0.20637	670583.20	4342595.60	0.40909
670804.51	4342595.60	0.54571	671025.82	4342595.60	0.67860
671247.13	4342595.60	0.67557	671468.44	4342595.60	0.39793
671689.75	4342595.60	0.19488	671911.06	4342595.60	0.11423
672132.37	4342595.60	0.08672	672353.68	4342595.60	0.06671

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.06023	668148.79	4342760.56	0.06416
668370.10	4342760.56	0.06854	668591.41	4342760.56	0.07074
668812.72	4342760.56	0.07322	669034.03	4342760.56	0.07577
669255.34	4342760.56	0.07806	669476.65	4342760.56	0.08051
669697.96	4342760.56	0.09671	669919.27	4342760.56	0.11603
670140.58	4342760.56	0.16353	670361.89	4342760.56	0.24406
670583.20	4342760.56	0.40545	670804.51	4342760.56	0.46594
671025.82	4342760.56	0.50396	671247.13	4342760.56	0.44530
671468.44	4342760.56	0.30476	671689.75	4342760.56	0.17919
671911.06	4342760.56	0.09827	672132.37	4342760.56	0.07656
672353.68	4342760.56	0.06096	672574.99	4342760.56	0.04890
668148.79	4342925.52	0.06895	668370.10	4342925.52	0.07356
668591.41	4342925.52	0.07583	668812.72	4342925.52	0.07677
669034.03	4342925.52	0.07790	669476.65	4342925.52	0.08627
669697.96	4342925.52	0.11257	669919.27	4342925.52	0.14065
670140.58	4342925.52	0.20227	670361.89	4342925.52	0.27679
670583.20	4342925.52	0.31623	670804.51	4342925.52	0.36392
671025.82	4342925.52	0.34271	671247.13	4342925.52	0.32634
671468.44	4342925.52	0.22731	671689.75	4342925.52	0.14947
671911.06	4342925.52	0.09072	672132.37	4342925.52	0.05915
672353.68	4342925.52	0.05665	672574.99	4342925.52	0.04462
668148.79	4343090.48	0.07121	668370.10	4343090.48	0.07502
668591.41	4343090.48	0.07721	669476.65	4343090.48	0.09257
669697.96	4343090.48	0.11164	669919.27	4343090.48	0.14710
670140.58	4343090.48	0.19939	670361.89	4343090.48	0.23148
670583.20	4343090.48	0.24638	670804.51	4343090.48	0.29212
671025.82	4343090.48	0.25854	671247.13	4343090.48	0.24470
671468.44	4343090.48	0.18242	671689.75	4343090.48	0.12561
671911.06	4343090.48	0.08194	672132.37	4343090.48	0.05612
672353.68	4343090.48	0.03917	672574.99	4343090.48	0.03643
668148.79	4343255.44	0.07128	668370.10	4343255.44	0.07429
668591.41	4343255.44	0.07665	669476.65	4343255.44	0.10257
669697.96	4343255.44	0.12111	669919.27	4343255.44	0.14961
670140.58	4343255.44	0.17937	670361.89	4343255.44	0.19426
670583.20	4343255.44	0.20128	670804.51	4343255.44	0.22366
671025.82	4343255.44	0.20824	671247.13	4343255.44	0.18735
671468.44	4343255.44	0.15320	671689.75	4343255.44	0.10754
671911.06	4343255.44	0.07333	672132.37	4343255.44	0.05195
672353.68	4343255.44	0.03797	672574.99	4343255.44	0.02780
668148.79	4343420.40	0.07030	668370.10	4343420.40	0.07311

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.07632	668812.72	4343420.40	0.07954
669034.03	4343420.40	0.08450	669255.34	4343420.40	0.09274
669476.65	4343420.40	0.10472	669697.96	4343420.40	0.12740
669919.27	4343420.40	0.14453	670140.58	4343420.40	0.15402
670361.89	4343420.40	0.16548	670583.20	4343420.40	0.17086
670804.51	4343420.40	0.18680	671025.82	4343420.40	0.19619
671247.13	4343420.40	0.17029	671468.44	4343420.40	0.12579
671689.75	4343420.40	0.09478	671911.06	4343420.40	0.06645
672132.37	4343420.40	0.04728	672353.68	4343420.40	0.03486
672574.99	4343420.40	0.02638	668148.79	4343585.36	0.06986
668370.10	4343585.36	0.07321	668591.41	4343585.36	0.07673
668812.72	4343585.36	0.08272	669034.03	4343585.36	0.09005
669255.34	4343585.36	0.09904	669476.65	4343585.36	0.10963
669697.96	4343585.36	0.11925	669919.27	4343585.36	0.13067
670140.58	4343585.36	0.13974	670361.89	4343585.36	0.14491
670583.20	4343585.36	0.14815	670804.51	4343585.36	0.15073
671025.82	4343585.36	0.15083	671247.13	4343585.36	0.14417
671468.44	4343585.36	0.11478	671689.75	4343585.36	0.09000
671911.06	4343585.36	0.06377	672132.37	4343585.36	0.04638
672353.68	4343585.36	0.03356	672574.99	4343585.36	0.02581
668148.79	4343750.32	0.06880	668370.10	4343750.32	0.07424
668591.41	4343750.32	0.07938	668812.72	4343750.32	0.08596
669034.03	4343750.32	0.09754	669255.34	4343750.32	0.10547
669476.65	4343750.32	0.11059	669697.96	4343750.32	0.11724
669919.27	4343750.32	0.12312	670140.58	4343750.32	0.12743
670361.89	4343750.32	0.13085	670583.20	4343750.32	0.12853
670804.51	4343750.32	0.12651	671025.82	4343750.32	0.12346
671247.13	4343750.32	0.12474	671468.44	4343750.32	0.10934
671689.75	4343750.32	0.09071	671911.06	4343750.32	0.07145
672132.37	4343750.32	0.04905	672353.68	4343750.32	0.03381
672574.99	4343750.32	0.02621	668148.79	4343915.28	0.06798
668370.10	4343915.28	0.07446	668591.41	4343915.28	0.08257
668812.72	4343915.28	0.08983	669034.03	4343915.28	0.10106
669255.34	4343915.28	0.10905	669476.65	4343915.28	0.11174
669697.96	4343915.28	0.11278	669919.27	4343915.28	0.11462
670140.58	4343915.28	0.11653	670361.89	4343915.28	0.11564
670583.20	4343915.28	0.11458	670804.51	4343915.28	0.11210
671025.82	4343915.28	0.10988	671247.13	4343915.28	0.09942
671468.44	4343915.28	0.09560	671689.75	4343915.28	0.08033
671911.06	4343915.28	0.06386	672132.37	4343915.28	0.05163

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*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.03838	672574.99	4343915.28	0.02839
668148.79	4344080.24	0.06857	668370.10	4344080.24	0.07458
668591.41	4344080.24	0.08287	668812.72	4344080.24	0.09213
669034.03	4344080.24	0.10229	669255.34	4344080.24	0.10973
669476.65	4344080.24	0.10646	669697.96	4344080.24	0.10691
669919.27	4344080.24	0.10707	670140.58	4344080.24	0.11086
670361.89	4344080.24	0.10324	670583.20	4344080.24	0.10189
670804.51	4344080.24	0.10215	671025.82	4344080.24	0.10316
671247.13	4344080.24	0.08940	671468.44	4344080.24	0.08131
671689.75	4344080.24	0.07060	671911.06	4344080.24	0.05256
672132.37	4344080.24	0.04036	672353.68	4344080.24	0.03262
672574.99	4344080.24	0.02534	671464.71	4342094.27	0.85024
671482.23	4342063.91	0.79591	671498.58	4342030.05	0.76332
671513.75	4341991.52	0.77203	671541.78	4341964.66	0.66837
671575.64	4341974.00	0.56401	671460.75	4342162.97	0.79890
671451.00	4342187.35	0.84218	671510.73	4342219.66	0.57753
671524.14	4342192.84	0.54324	671522.92	4342250.74	0.53824
671599.11	4342252.57	0.38645	671627.76	4342256.84	0.34645
671583.88	4342116.03	0.42027	671595.46	4342071.54	0.42610
671663.12	4342056.30	0.36708	671600.94	4342030.09	0.47256
671526.58	4342155.65	0.53568	671628.98	4342292.19	0.33920
671641.78	4341980.71	0.42372	671666.77	4342018.51	0.38391
671407.11	4342219.66	1.13889	671415.64	4342183.08	1.13670
671635.08	4341706.42	0.23123	671693.59	4341710.08	0.21247
671719.80	4341736.29	0.21882	671673.48	4341630.23	0.18834
671888.04	4341936.22	0.19783	671977.64	4341952.07	0.16236
672039.21	4341894.77	0.14106	671858.17	4341753.96	0.17395
671922.78	4341634.49	0.11784	671613.74	4341791.15	0.32375
671853.29	4341730.80	0.16749	671783.81	4341585.73	0.14159
671783.20	4341546.72	0.12939	671769.18	4341461.38	0.11083
671800.87	4341420.54	0.09528	671880.11	4341427.25	0.08241
672012.39	4341504.66	0.08195	672084.31	4341547.94	0.08520
671915.47	4341478.45	0.08538	671903.28	4341564.40	0.10407
671863.05	4341522.34	0.10146	671830.13	4341336.43	0.07971
671835.62	4341287.66	0.07439	671825.87	4341275.47	0.07410
672136.73	4341370.56	0.04725	671920.34	4341307.17	0.07076
671695.42	4341257.19	0.08545	671682.01	4341176.12	0.08146
671991.66	4341196.23	0.06028	672022.14	4341231.59	0.05914
671992.27	4341177.95	0.06187	671540.60	4341238.29	0.10489
671575.34	4341177.95	0.08174	671454.65	4341196.23	0.12136

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*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP10 ***
INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.07949	671413.20	4341126.74	0.10712
671471.11	4341064.57	0.07915	671601.55	4341050.55	0.08044
671198.64	4341253.53	0.14667	671278.49	4341212.08	0.14563
671230.34	4341132.84	0.10572	671073.08	4341271.82	0.13865
671122.45	4341373.61	0.23696	671118.79	4341397.38	0.26710
670978.40	4341324.15	0.22750	670932.85	4341394.21	0.42126
670935.19	4341367.36	0.35964	671108.01	4340976.17	0.09982
671286.67	4340978.51	0.07720	671675.37	4342488.78	0.23730
671091.40	4342277.23	1.48875	671051.75	4342332.07	1.20654
671051.75	4342369.20	1.11808	670953.04	4342360.76	0.86742
670695.71	4342235.89	0.25097	670545.53	4342318.58	0.18600
670711.74	4342488.16	0.44902	670648.30	4342501.73	0.40590
670648.30	4342630.87	0.47671	670806.29	4342728.41	0.48742
670688.15	4342739.41	0.43537	670804.92	4342427.55	0.51566
670439.48	4342471.51	0.19462	670358.43	4342578.67	0.19593
670546.64	4342662.47	0.36394	670537.03	4342595.15	0.34474
670483.45	4342776.50	0.33577	670508.17	4342754.52	0.35115
670517.79	4342868.54	0.33714	670545.27	4342850.69	0.35992
670582.36	4342878.16	0.35706	670304.85	4342688.57	0.19633
670039.70	4342661.10	0.11639	670156.48	4342673.46	0.15036
670236.16	4342648.73	0.17321	670071.30	4342738.03	0.14726
669990.24	4342753.14	0.12817	669928.42	4342742.15	0.11338
669815.77	4342673.46	0.09455	669742.96	4342655.60	0.08984
669791.04	4342744.90	0.10091	669696.25	4342731.16	0.09405
669536.88	4342552.57	0.07551	671174.86	4342280.21	1.83234
671068.38	4342169.93	1.37438	670965.71	4342179.44	0.69481
670815.50	4342198.45	0.33356	670737.55	4342097.68	0.19745
670762.27	4342069.16	0.20815	670817.40	4342040.64	0.24415
670895.36	4342025.43	0.31712	670979.02	4341915.15	0.66690
671115.92	4341863.81	2.21327	671199.58	4341770.65	1.56488
671222.39	4341377.07	0.24833	671714.84	4341392.28	0.10171
671366.89	4341998.81	2.60724	671226.19	4342236.48	2.31463
669098.44	4343411.59	0.08616	668908.63	4343364.56	0.08030
668851.52	4343359.52	0.07922	668831.37	4343371.27	0.07904
668733.94	4343302.41	0.07748	668686.91	4343199.95	0.07713
668671.79	4343089.09	0.07712	668806.17	4343001.74	0.07712
668918.71	4343025.26	0.07782	669024.53	4342942.95	0.07786
669288.24	4342916.08	0.08063	669333.59	4342922.80	0.08162
669365.51	4342978.23	0.08370	669336.95	4343151.23	0.08792
669303.36	4343304.09	0.09208	669222.73	4343235.22	0.08617

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP10 ***
INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669135.39	4343305.77	0.08477			
*** AERMOD - VERSION 19191 *** ** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***					
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***
INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.11312	668370.10	4340781.04	0.12943
668591.41	4340781.04	0.14645	668812.72	4340781.04	0.16493
669034.03	4340781.04	0.18854	669255.34	4340781.04	0.21587
669476.65	4340781.04	0.24416	669697.96	4340781.04	0.27860
669919.27	4340781.04	0.65333	670140.58	4340781.04	0.66060
670361.89	4340781.04	0.54591	670583.20	4340781.04	0.30415
670804.51	4340781.04	0.21447	671025.82	4340781.04	0.16345
671247.13	4340781.04	0.12033	671468.44	4340781.04	0.11651
671689.75	4340781.04	0.10038	671911.06	4340781.04	0.07679
672132.37	4340781.04	0.04891	672353.68	4340781.04	0.06418
672574.99	4340781.04	0.06982	668148.79	4340946.00	0.11075
668370.10	4340946.00	0.12835	668591.41	4340946.00	0.14695
668812.72	4340946.00	0.16767	669034.03	4340946.00	0.19717
669255.34	4340946.00	0.22890	669476.65	4340946.00	0.26397
669697.96	4340946.00	0.31151	669919.27	4340946.00	0.74137
670140.58	4340946.00	0.87271	670361.89	4340946.00	0.79697
670583.20	4340946.00	0.61666	670804.51	4340946.00	0.30475
671025.82	4340946.00	0.19686	671247.13	4340946.00	0.13252
671468.44	4340946.00	0.12037	671689.75	4340946.00	0.12268
671911.06	4340946.00	0.11884	672132.37	4340946.00	0.05127
672353.68	4340946.00	0.05383	672574.99	4340946.00	0.07307
668148.79	4341110.96	0.11121	668370.10	4341110.96	0.12564
668591.41	4341110.96	0.14782	668812.72	4341110.96	0.17090
669034.03	4341110.96	0.20079	669255.34	4341110.96	0.23374
669476.65	4341110.96	0.28183	669697.96	4341110.96	0.34040
669919.27	4341110.96	0.40834	670140.58	4341110.96	0.96999
670361.89	4341110.96	1.02741	670583.20	4341110.96	0.71106
670804.51	4341110.96	0.36546	671025.82	4341110.96	0.20185

671247.13	4341110.96	0.18268	671468.44	4341110.96	0.15093
671689.75	4341110.96	0.18229	671911.06	4341110.96	0.14298
672132.37	4341110.96	0.05700	672353.68	4341110.96	0.04625
672574.99	4341110.96	0.07769	668148.79	4341275.92	0.11244
668370.10	4341275.92	0.12786	668591.41	4341275.92	0.14876
668812.72	4341275.92	0.17448	669034.03	4341275.92	0.20661
669255.34	4341275.92	0.24448	669476.65	4341275.92	0.29286
669697.96	4341275.92	0.36014	669919.27	4341275.92	0.79376
670140.58	4341275.92	0.85026	670361.89	4341275.92	0.96772
670583.20	4341275.92	0.89920	670804.51	4341275.92	0.62113
671025.82	4341275.92	0.26387	671247.13	4341275.92	0.29143
671468.44	4341275.92	0.35486	671689.75	4341275.92	0.31160

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.20159	672132.37	4341275.92	0.06798
672353.68	4341275.92	0.04930	672574.99	4341275.92	0.09482
668148.79	4341440.88	0.11246	668370.10	4341440.88	0.12906
668591.41	4341440.88	0.14934	668812.72	4341440.88	0.17591
669034.03	4341440.88	0.20731	669255.34	4341440.88	0.24523
669476.65	4341440.88	0.29858	669697.96	4341440.88	0.37283
669919.27	4341440.88	0.61612	670140.58	4341440.88	0.64063
670361.89	4341440.88	0.87358	670583.20	4341440.88	1.04781
670804.51	4341440.88	1.33143	671025.82	4341440.88	0.57145
671689.75	4341440.88	1.30115	671911.06	4341440.88	0.21891
672132.37	4341440.88	0.09253	672353.68	4341440.88	0.08333
672574.99	4341440.88	0.21868	668148.79	4341605.84	0.11590
668370.10	4341605.84	0.13211	668591.41	4341605.84	0.15169
668812.72	4341605.84	0.17610	669034.03	4341605.84	0.20661
669255.34	4341605.84	0.24663	669476.65	4341605.84	0.30144
669697.96	4341605.84	0.37695	669919.27	4341605.84	0.44632
670140.58	4341605.84	0.51054	670361.89	4341605.84	0.59775
670583.20	4341605.84	0.97362	670804.51	4341605.84	2.32835
671025.82	4341605.84	2.18299	671689.75	4341605.84	1.90036
671911.06	4341605.84	0.35759	672132.37	4341605.84	0.16227
672353.68	4341605.84	0.11010	672574.99	4341605.84	0.37930
668148.79	4341770.80	0.11482	668370.10	4341770.80	0.13370
668591.41	4341770.80	0.15099	668812.72	4341770.80	0.17597
669034.03	4341770.80	0.20846	669255.34	4341770.80	0.25058
669476.65	4341770.80	0.35178	669697.96	4341770.80	0.39036
669919.27	4341770.80	0.35954	670140.58	4341770.80	0.36732
670361.89	4341770.80	0.37611	670583.20	4341770.80	0.75947

670804.51	4341770.80	3.01704	671025.82	4341770.80	10.14939
671689.75	4341770.80	0.81429	671911.06	4341770.80	0.44781
672132.37	4341770.80	0.16790	672353.68	4341770.80	0.10455
672574.99	4341770.80	0.40080	668148.79	4341935.76	0.11271
668370.10	4341935.76	0.13071	668591.41	4341935.76	0.15308
668812.72	4341935.76	0.17988	669034.03	4341935.76	0.21321
669255.34	4341935.76	0.29401	669476.65	4341935.76	0.31017
669697.96	4341935.76	0.24448	669919.27	4341935.76	0.21018
670140.58	4341935.76	0.25528	670361.89	4341935.76	0.35309
670583.20	4341935.76	1.01623	670804.51	4341935.76	3.02135
671468.44	4341935.76	3.54369	671689.75	4341935.76	0.90252
671911.06	4341935.76	0.44535	672132.37	4341935.76	0.18707
672353.68	4341935.76	0.10810	672574.99	4341935.76	0.15156

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.11583	668370.10	4342100.72	0.13570
668591.41	4342100.72	0.15859	668812.72	4342100.72	0.18424
669034.03	4342100.72	0.21858	669255.34	4342100.72	0.26219
669476.65	4342100.72	0.36786	669697.96	4342100.72	0.38944
669919.27	4342100.72	0.43502	670140.58	4342100.72	0.40398
670361.89	4342100.72	1.26784	670583.20	4342100.72	1.56982
671468.44	4342100.72	1.69878	671689.75	4342100.72	0.66160
671911.06	4342100.72	0.40546	672132.37	4342100.72	0.20492
672353.68	4342100.72	0.11380	672574.99	4342100.72	0.14131
668148.79	4342265.68	0.11911	668370.10	4342265.68	0.13918
668591.41	4342265.68	0.15622	668812.72	4342265.68	0.18278
669034.03	4342265.68	0.21632	669255.34	4342265.68	0.26479
669476.65	4342265.68	0.32619	669697.96	4342265.68	0.41222
669919.27	4342265.68	0.53244	670140.58	4342265.68	1.02506
670361.89	4342265.68	0.98478	670583.20	4342265.68	1.43299
670804.51	4342265.68	2.28749	671025.82	4342265.68	3.80626
671247.13	4342265.68	4.04236	671468.44	4342265.68	1.34815
671689.75	4342265.68	0.54051	671911.06	4342265.68	0.30051
672132.37	4342265.68	0.21091	672353.68	4342265.68	0.14708
672574.99	4342265.68	0.38442	668148.79	4342430.64	0.11554
668370.10	4342430.64	0.13699	668591.41	4342430.64	0.15154
668812.72	4342430.64	0.17454	669034.03	4342430.64	0.20485
669255.34	4342430.64	0.24728	669476.65	4342430.64	0.31511
669697.96	4342430.64	0.39004	669919.27	4342430.64	0.50144
670140.58	4342430.64	0.63955	670361.89	4342430.64	0.85045
670583.20	4342430.64	1.79984	670804.51	4342430.64	2.35748

671025.82	4342430.64	2.42219	671247.13	4342430.64	1.52827
671468.44	4342430.64	0.88260	671689.75	4342430.64	0.39983
671911.06	4342430.64	0.23653	672132.37	4342430.64	0.18123
672353.68	4342430.64	0.23031	672574.99	4342430.64	0.35732
668148.79	4342595.60	0.11870	668370.10	4342595.60	0.13325
668591.41	4342595.60	0.15223	668812.72	4342595.60	0.17628
669034.03	4342595.60	0.20641	669255.34	4342595.60	0.24717
669476.65	4342595.60	0.29206	669697.96	4342595.60	0.37356
669919.27	4342595.60	0.44774	670140.58	4342595.60	0.58115
670361.89	4342595.60	0.74089	670583.20	4342595.60	0.93853
670804.51	4342595.60	1.31829	671025.82	4342595.60	1.38308
671247.13	4342595.60	1.05011	671468.44	4342595.60	0.57248
671689.75	4342595.60	0.28737	671911.06	4342595.60	0.16974
672132.37	4342595.60	0.13642	672353.68	4342595.60	0.16560

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.32955	668148.79	4342760.56	0.12264
668370.10	4342760.56	0.13954	668591.41	4342760.56	0.15499
668812.72	4342760.56	0.17916	669034.03	4342760.56	0.21201
669255.34	4342760.56	0.24882	669476.65	4342760.56	0.28464
669697.96	4342760.56	0.36133	669919.27	4342760.56	0.42734
670140.58	4342760.56	0.78421	670361.89	4342760.56	0.94057
670583.20	4342760.56	0.73395	670804.51	4342760.56	0.82999
671025.82	4342760.56	0.77801	671247.13	4342760.56	0.60266
671468.44	4342760.56	0.41831	671689.75	4342760.56	0.25120
671911.06	4342760.56	0.13816	672132.37	4342760.56	0.11008
672353.68	4342760.56	0.12722	672574.99	4342760.56	0.11784
668148.79	4342925.52	0.12267	668370.10	4342925.52	0.13797
668591.41	4342925.52	0.15786	668812.72	4342925.52	0.17674
669034.03	4342925.52	0.20229	669476.65	4342925.52	0.26924
669697.96	4342925.52	0.32754	669919.27	4342925.52	0.58443
670140.58	4342925.52	0.64283	670361.89	4342925.52	0.67639
670583.20	4342925.52	0.79893	670804.51	4342925.52	0.68328
671025.82	4342925.52	0.45445	671247.13	4342925.52	0.42907
671468.44	4342925.52	0.30222	671689.75	4342925.52	0.20216
671911.06	4342925.52	0.12286	672132.37	4342925.52	0.07964
672353.68	4342925.52	0.08204	672574.99	4342925.52	0.08471
668148.79	4343090.48	0.11628	668370.10	4343090.48	0.13045
668591.41	4343090.48	0.15250	669476.65	4343090.48	0.24232
669697.96	4343090.48	0.28281	669919.27	4343090.48	0.32841
670140.58	4343090.48	0.58672	670361.89	4343090.48	0.41355

670583.20	4343090.48	0.45129	670804.51	4343090.48	0.53184
671025.82	4343090.48	0.33602	671247.13	4343090.48	0.31493
671468.44	4343090.48	0.23673	671689.75	4343090.48	0.16408
671911.06	4343090.48	0.10788	672132.37	4343090.48	0.07365
672353.68	4343090.48	0.05107	672574.99	4343090.48	0.04982
668148.79	4343255.44	0.11370	668370.10	4343255.44	0.12589
668591.41	4343255.44	0.14165	669476.65	4343255.44	0.22592
669697.96	4343255.44	0.25306	669919.27	4343255.44	0.28550
670140.58	4343255.44	0.31572	670361.89	4343255.44	0.34000
670583.20	4343255.44	0.36305	670804.51	4343255.44	0.41012
671025.82	4343255.44	0.26650	671247.13	4343255.44	0.23781
671468.44	4343255.44	0.19568	671689.75	4343255.44	0.13721
671911.06	4343255.44	0.09353	672132.37	4343255.44	0.06665
672353.68	4343255.44	0.04860	672574.99	4343255.44	0.03552
668148.79	4343420.40	0.11302	668370.10	4343420.40	0.12247

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.13193	668812.72	4343420.40	0.14623
669034.03	4343420.40	0.15980	669255.34	4343420.40	0.17553
669476.65	4343420.40	0.19393	669697.96	4343420.40	0.22709
669919.27	4343420.40	0.24726	670140.58	4343420.40	0.26010
670361.89	4343420.40	0.28060	670583.20	4343420.40	0.30275
670804.51	4343420.40	0.34098	671025.82	4343420.40	0.26969
671247.13	4343420.40	0.21268	671468.44	4343420.40	0.15801
671689.75	4343420.40	0.11882	671911.06	4343420.40	0.08320
672132.37	4343420.40	0.05942	672353.68	4343420.40	0.04384
672574.99	4343420.40	0.03269	668148.79	4343585.36	0.11159
668370.10	4343585.36	0.12035	668591.41	4343585.36	0.12611
668812.72	4343585.36	0.13959	669034.03	4343585.36	0.15363
669255.34	4343585.36	0.16684	669476.65	4343585.36	0.18077
669697.96	4343585.36	0.19148	669919.27	4343585.36	0.20726
670140.58	4343585.36	0.22273	670361.89	4343585.36	0.23904
670583.20	4343585.36	0.25983	670804.51	4343585.36	0.28485
671025.82	4343585.36	0.30488	671247.13	4343585.36	0.17839
671468.44	4343585.36	0.14310	671689.75	4343585.36	0.11172
671911.06	4343585.36	0.07867	672132.37	4343585.36	0.05725
672353.68	4343585.36	0.04148	672574.99	4343585.36	0.03174
668148.79	4343750.32	0.10539	668370.10	4343750.32	0.11532
668591.41	4343750.32	0.12335	668812.72	4343750.32	0.13176
669034.03	4343750.32	0.14653	669255.34	4343750.32	0.15743
669476.65	4343750.32	0.16530	669697.96	4343750.32	0.17435

669919.27	4343750.32	0.18419	670140.58	4343750.32	0.19621
670361.89	4343750.32	0.21165	670583.20	4343750.32	0.22474
670804.51	4343750.32	0.24131	671025.82	4343750.32	0.25614
671247.13	4343750.32	0.19624	671468.44	4343750.32	0.16644
671689.75	4343750.32	0.13349	671911.06	4343750.32	0.08949
672132.37	4343750.32	0.06150	672353.68	4343750.32	0.04136
672574.99	4343750.32	0.03214	668148.79	4343915.28	0.09845
668370.10	4343915.28	0.10805	668591.41	4343915.28	0.11718
668812.72	4343915.28	0.12532	669034.03	4343915.28	0.13576
669255.34	4343915.28	0.14540	669476.65	4343915.28	0.15296
669697.96	4343915.28	0.15798	669919.27	4343915.28	0.16487
670140.58	4343915.28	0.17539	670361.89	4343915.28	0.18575
670583.20	4343915.28	0.19898	670804.51	4343915.28	0.21201
671025.82	4343915.28	0.22309	671247.13	4343915.28	0.22297
671468.44	4343915.28	0.14252	671689.75	4343915.28	0.10529
671911.06	4343915.28	0.07821	672132.37	4343915.28	0.06398

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.04800	672574.99	4343915.28	0.03505
668148.79	4344080.24	0.09385	668370.10	4344080.24	0.10090
668591.41	4344080.24	0.10918	668812.72	4344080.24	0.11735
669034.03	4344080.24	0.12554	669255.34	4344080.24	0.13333
669476.65	4344080.24	0.13810	669697.96	4344080.24	0.14317
669919.27	4344080.24	0.14970	670140.58	4344080.24	0.16014
670361.89	4344080.24	0.16517	670583.20	4344080.24	0.17642
670804.51	4344080.24	0.18835	671025.82	4344080.24	0.15596
671247.13	4344080.24	0.19545	671468.44	4344080.24	0.19066
671689.75	4344080.24	0.08596	671911.06	4344080.24	0.06342
672132.37	4344080.24	0.04858	672353.68	4344080.24	0.03971
672574.99	4344080.24	0.03067	671464.71	4342094.27	1.79555
671482.23	4342063.91	1.80876	671498.58	4342030.05	1.85759
671513.75	4341991.52	1.98411	671541.78	4341964.66	1.75159
671575.64	4341974.00	1.34281	671460.75	4342162.97	1.54871
671451.00	4342187.35	1.59406	671510.73	4342219.66	1.08829
671524.14	4342192.84	1.02411	671522.92	4342250.74	1.00600
671599.11	4342252.57	0.72264	671627.76	4342256.84	0.65482
671583.88	4342116.03	0.82236	671595.46	4342071.54	0.86340
671663.12	4342056.30	0.75864	671600.94	4342030.09	0.98918
671526.58	4342155.65	1.02917	671628.98	4342292.19	0.63507
671641.78	4341980.71	0.96847	671666.77	4342018.51	0.82848
671407.11	4342219.66	2.06974	671415.64	4342183.08	2.15596

671635.08	4341706.42	0.94744	671693.59	4341710.08	0.86048
671719.80	4341736.29	0.85807	671673.48	4341630.23	1.15876
671888.04	4341936.22	0.49105	671977.64	4341952.07	0.34042
672039.21	4341894.77	0.25871	671858.17	4341753.96	0.63493
671922.78	4341634.49	0.36011	671613.74	4341791.15	1.05906
671853.29	4341730.80	0.62514	671783.81	4341585.73	0.80328
671783.20	4341546.72	0.74400	671769.18	4341461.38	0.66130
671800.87	4341420.54	0.46816	671880.11	4341427.25	0.26274
672012.39	4341504.66	0.13947	672084.31	4341547.94	0.15221
671915.47	4341478.45	0.22765	671903.28	4341564.40	0.32396
671863.05	4341522.34	0.36251	671830.13	4341336.43	0.35505
671835.62	4341287.66	0.32263	671825.87	4341275.47	0.32437
672136.73	4341370.56	0.07433	671920.34	4341307.17	0.18010
671695.42	4341257.19	0.28620	671682.01	4341176.12	0.19596
671991.66	4341196.23	0.14840	672022.14	4341231.59	0.12436
671992.27	4341177.95	0.12751	671540.60	4341238.29	0.18739
671575.34	4341177.95	0.14273	671454.65	4341196.23	0.20540

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.14181	671413.20	4341126.74	0.17657
671471.11	4341064.57	0.14080	671601.55	4341050.55	0.14811
671198.64	4341253.53	0.23634	671278.49	4341212.08	0.23489
671230.34	4341132.84	0.18291	671073.08	4341271.82	0.24344
671122.45	4341373.61	0.36208	671118.79	4341397.38	0.40791
670978.40	4341324.15	0.37907	670932.85	4341394.21	0.67017
670935.19	4341367.36	0.57294	671108.01	4340976.17	0.16919
671286.67	4340978.51	0.13552	671675.37	4342488.78	0.36797
671091.40	4342277.23	3.93666	671051.75	4342332.07	2.86752
671051.75	4342369.20	2.62489	670953.04	4342360.76	2.61904
670695.71	4342235.89	1.92707	670545.53	4342318.58	1.28451
670711.74	4342488.16	1.58931	670648.30	4342501.73	1.31496
670648.30	4342630.87	0.76788	670806.29	4342728.41	0.88218
670688.15	4342739.41	0.67186	670804.92	4342427.55	2.35566
670439.48	4342471.51	0.92962	670358.43	4342578.67	0.75146
670546.64	4342662.47	0.96848	670537.03	4342595.15	1.03446
670483.45	4342776.50	0.79805	670508.17	4342754.52	0.81430
670517.79	4342868.54	0.72905	670545.27	4342850.69	0.69485
670582.36	4342878.16	0.70761	670304.85	4342688.57	0.96161
670039.70	4342661.10	0.50055	670156.48	4342673.46	0.56224
670236.16	4342648.73	0.62051	670071.30	4342738.03	0.49507
669990.24	4342753.14	0.45628	669928.42	4342742.15	0.43423

669815.77	4342673.46	0.40996	669742.96	4342655.60	0.39053
669791.04	4342744.90	0.39051	669696.25	4342731.16	0.36595
669536.88	4342552.57	0.30906	671174.86	4342280.21	4.06897
671068.38	4342169.93	8.10197	670965.71	4342179.44	4.29449
670815.50	4342198.45	2.64232	670737.55	4342097.68	2.29936
670762.27	4342069.16	2.50390	670817.40	4342040.64	3.04691
670895.36	4342025.43	4.17621	670979.02	4341915.15	6.30531
671115.92	4341863.81	15.76404	671199.58	4341770.65	14.14587
671222.39	4341377.07	0.48820	671714.84	4341392.28	0.55174
671366.89	4341998.81	14.80699	671226.19	4342236.48	5.05358
669098.44	4343411.59	0.16404	668908.63	4343364.56	0.15458
668851.52	4343359.52	0.15102	668831.37	4343371.27	0.14892
668733.94	4343302.41	0.14773	668686.91	4343199.95	0.15168
668671.79	4343089.09	0.15684	668806.17	4343001.74	0.17137
668918.71	4343025.26	0.18243	669024.53	4342942.95	0.19904
669288.24	4342916.08	0.23846	669333.59	4342922.80	0.24439
669365.51	4342978.23	0.24168	669336.95	4343151.23	0.21503
669303.36	4343304.09	0.19543	669222.73	4343235.22	0.19339

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	0.17641			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	0.03789	668370.10	4340781.04	0.04321

668591.41	4340781.04	0.04886	668812.72	4340781.04	0.05507
669034.03	4340781.04	0.06318	669255.34	4340781.04	0.07305
669476.65	4340781.04	0.08384	669697.96	4340781.04	0.09747
669919.27	4340781.04	0.15618	670140.58	4340781.04	0.17513
670361.89	4340781.04	0.17528	670583.20	4340781.04	0.13512
670804.51	4340781.04	0.11344	671025.82	4340781.04	0.09202
671247.13	4340781.04	0.08950	671468.44	4340781.04	0.09387
671689.75	4340781.04	0.10120	671911.06	4340781.04	0.09088
672132.37	4340781.04	0.07464	672353.68	4340781.04	0.08397
672574.99	4340781.04	0.07365	668148.79	4340946.00	0.03741
668370.10	4340946.00	0.04305	668591.41	4340946.00	0.04914
668812.72	4340946.00	0.05603	669034.03	4340946.00	0.06575
669255.34	4340946.00	0.07664	669476.65	4340946.00	0.08914
669697.96	4340946.00	0.11038	669919.27	4340946.00	0.17114
670140.58	4340946.00	0.20906	670361.89	4340946.00	0.22617
670583.20	4340946.00	0.22108	670804.51	4340946.00	0.15533
671025.82	4340946.00	0.12135	671247.13	4340946.00	0.10938
671468.44	4340946.00	0.11153	671689.75	4340946.00	0.13914
671911.06	4340946.00	0.14140	672132.37	4340946.00	0.08365
672353.68	4340946.00	0.07602	672574.99	4340946.00	0.08136
668148.79	4341110.96	0.03752	668370.10	4341110.96	0.04241
668591.41	4341110.96	0.04951	668812.72	4341110.96	0.05712
669034.03	4341110.96	0.06696	669255.34	4341110.96	0.07816
669476.65	4341110.96	0.09406	669697.96	4341110.96	0.12343
669919.27	4341110.96	0.14164	670140.58	4341110.96	0.22386
670361.89	4341110.96	0.25568	670583.20	4341110.96	0.24720
670804.51	4341110.96	0.19623	671025.82	4341110.96	0.15508
671247.13	4341110.96	0.15794	671468.44	4341110.96	0.15762
671689.75	4341110.96	0.21761	671911.06	4341110.96	0.20229
672132.37	4341110.96	0.09580	672353.68	4341110.96	0.07969
672574.99	4341110.96	0.09945	668148.79	4341275.92	0.03764
668370.10	4341275.92	0.04282	668591.41	4341275.92	0.04967
668812.72	4341275.92	0.05815	669034.03	4341275.92	0.06927
669255.34	4341275.92	0.08153	669476.65	4341275.92	0.09728
669697.96	4341275.92	0.11948	669919.27	4341275.92	0.18156
670140.58	4341275.92	0.20404	670361.89	4341275.92	0.25279
670583.20	4341275.92	0.26380	670804.51	4341275.92	0.27485
671025.82	4341275.92	0.23472	671247.13	4341275.92	0.27284
671468.44	4341275.92	0.37099	671689.75	4341275.92	0.38522

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 902

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
 L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
 L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
 L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.28464	672132.37	4341275.92	0.13009
672353.68	4341275.92	0.10539	672574.99	4341275.92	0.12967
668148.79	4341440.88	0.03728	668370.10	4341440.88	0.04275
668591.41	4341440.88	0.04943	668812.72	4341440.88	0.05827
669034.03	4341440.88	0.06891	669255.34	4341440.88	0.08143
669476.65	4341440.88	0.09886	669697.96	4341440.88	0.12361
669919.27	4341440.88	0.16014	670140.58	4341440.88	0.18154
670361.89	4341440.88	0.23822	670583.20	4341440.88	0.29723
670804.51	4341440.88	0.43034	671025.82	4341440.88	0.41991
671689.75	4341440.88	0.95490	671911.06	4341440.88	0.37899
672132.37	4341440.88	0.20755	672353.68	4341440.88	0.17008
672574.99	4341440.88	0.19630	668148.79	4341605.84	0.03766
668370.10	4341605.84	0.04298	668591.41	4341605.84	0.04941
668812.72	4341605.84	0.05747	669034.03	4341605.84	0.06762
669255.34	4341605.84	0.08089	669476.65	4341605.84	0.09882
669697.96	4341605.84	0.12310	669919.27	4341605.84	0.12780
670140.58	4341605.84	0.16273	670361.89	4341605.84	0.20484
670583.20	4341605.84	0.30720	670804.51	4341605.84	0.61676
671025.82	4341605.84	0.86288	671689.75	4341605.84	2.03543
671911.06	4341605.84	0.68031	672132.37	4341605.84	0.35803
672353.68	4341605.84	0.24022	672574.99	4341605.84	0.23678
668148.79	4341770.80	0.03674	668370.10	4341770.80	0.04261
668591.41	4341770.80	0.04821	668812.72	4341770.80	0.05617
669034.03	4341770.80	0.06663	669255.34	4341770.80	0.08014
669476.65	4341770.80	0.09187	669697.96	4341770.80	0.09174
669919.27	4341770.80	0.10020	670140.58	4341770.80	0.12462
670361.89	4341770.80	0.15783	670583.20	4341770.80	0.30676
670804.51	4341770.80	0.82555	671025.82	4341770.80	2.09958
671689.75	4341770.80	2.43757	671911.06	4341770.80	0.93116
672132.37	4341770.80	0.40694	672353.68	4341770.80	0.24488
672574.99	4341770.80	0.25702	668148.79	4341935.76	0.03552
668370.10	4341935.76	0.04087	668591.41	4341935.76	0.04751
668812.72	4341935.76	0.05562	669034.03	4341935.76	0.06591
669255.34	4341935.76	0.07219	669476.65	4341935.76	0.07036
669697.96	4341935.76	0.06747	669919.27	4341935.76	0.07095
670140.58	4341935.76	0.09316	670361.89	4341935.76	0.14025
670583.20	4341935.76	0.33095	670804.51	4341935.76	1.09478
671468.44	4341935.76	7.82524	671689.75	4341935.76	2.08072
671911.06	4341935.76	0.90033	672132.37	4341935.76	0.41628
672353.68	4341935.76	0.24419	672574.99	4341935.76	0.22789
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02/24/20					
*** AERMET - VERSION 14134 *** ***			*** 17:19:20		
PAGE 903					
*** MODELOPTs: RegDFAULT CONC ELEV RURAL					
*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:					
SRCGP12 ***					
INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,					
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,					
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,					
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , . . . ,					

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.03536	668370.10	4342100.72	0.04091
668591.41	4342100.72	0.04742	668812.72	4342100.72	0.05477
669034.03	4342100.72	0.06469	669255.34	4342100.72	0.07539
669476.65	4342100.72	0.07163	669697.96	4342100.72	0.07642
669919.27	4342100.72	0.08958	670140.58	4342100.72	0.09964
670361.89	4342100.72	0.23339	670583.20	4342100.72	0.49007
671468.44	4342100.72	3.56894	671689.75	4342100.72	1.45982
671911.06	4342100.72	0.76383	672132.37	4342100.72	0.41170
672353.68	4342100.72	0.24425	672574.99	4342100.72	0.21478
668148.79	4342265.68	0.03508	668370.10	4342265.68	0.04041
668591.41	4342265.68	0.04521	668812.72	4342265.68	0.05232
669034.03	4342265.68	0.06126	669255.34	4342265.68	0.07375
669476.65	4342265.68	0.08944	669697.96	4342265.68	0.10871
669919.27	4342265.68	0.14135	670140.58	4342265.68	0.17948
670361.89	4342265.68	0.27553	670583.20	4342265.68	0.44234
670804.51	4342265.68	0.93388	671025.82	4342265.68	2.50585
671247.13	4342265.68	4.59628	671468.44	4342265.68	2.26956
671689.75	4342265.68	1.08844	671911.06	4342265.68	0.59486
672132.37	4342265.68	0.38533	672353.68	4342265.68	0.25899
672574.99	4342265.68	0.23445	668148.79	4342430.64	0.03331
668370.10	4342430.64	0.03862	668591.41	4342430.64	0.04276
668812.72	4342430.64	0.04883	669034.03	4342430.64	0.05674
669255.34	4342430.64	0.06750	669476.65	4342430.64	0.08367
669697.96	4342430.64	0.10290	669919.27	4342430.64	0.13219
670140.58	4342430.64	0.17414	670361.89	4342430.64	0.24785
670583.20	4342430.64	0.41162	670804.51	4342430.64	0.80237
671025.82	4342430.64	1.59817	671247.13	4342430.64	1.97925
671468.44	4342430.64	1.41177	671689.75	4342430.64	0.77464
671911.06	4342430.64	0.46202	672132.37	4342430.64	0.32218
672353.68	4342430.64	0.26765	672574.99	4342430.64	0.21700
668148.79	4342595.60	0.03294	668370.10	4342595.60	0.03673
668591.41	4342595.60	0.04155	668812.72	4342595.60	0.04760
669034.03	4342595.60	0.05524	669255.34	4342595.60	0.06548
669476.65	4342595.60	0.07751	669697.96	4342595.60	0.09803
669919.27	4342595.60	0.12154	670140.58	4342595.60	0.16433
670361.89	4342595.60	0.23293	670583.20	4342595.60	0.30639
670804.51	4342595.60	0.61410	671025.82	4342595.60	1.03366
671247.13	4342595.60	1.27293	671468.44	4342595.60	0.92231
671689.75	4342595.60	0.54794	671911.06	4342595.60	0.34133
672132.37	4342595.60	0.25402	672353.68	4342595.60	0.21866

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP12 ***
INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,

L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.19559	668148.79	4342760.56	0.03280
668370.10	4342760.56	0.03693	668591.41	4342760.56	0.04102
668812.72	4342760.56	0.04702	669034.03	4342760.56	0.05513
669255.34	4342760.56	0.06479	669476.65	4342760.56	0.07559
669697.96	4342760.56	0.09621	669919.27	4342760.56	0.11943
670140.58	4342760.56	0.16476	670361.89	4342760.56	0.23070
670583.20	4342760.56	0.29708	670804.51	4342760.56	0.47024
671025.82	4342760.56	0.69449	671247.13	4342760.56	0.79786
671468.44	4342760.56	0.66225	671689.75	4342760.56	0.44380
671911.06	4342760.56	0.27395	672132.37	4342760.56	0.20424
672353.68	4342760.56	0.18278	672574.99	4342760.56	0.14760
668148.79	4342925.52	0.03213	668370.10	4342925.52	0.03597
668591.41	4342925.52	0.04090	668812.72	4342925.52	0.04605
669034.03	4342925.52	0.05302	669476.65	4342925.52	0.07336
669697.96	4342925.52	0.09178	669919.27	4342925.52	0.12128
670140.58	4342925.52	0.14930	670361.89	4342925.52	0.21303
670583.20	4342925.52	0.32113	670804.51	4342925.52	0.40583
671025.82	4342925.52	0.47719	671247.13	4342925.52	0.57061
671468.44	4342925.52	0.48202	671689.75	4342925.52	0.35020
671911.06	4342925.52	0.23285	672132.37	4342925.52	0.15939
672353.68	4342925.52	0.14016	672574.99	4342925.52	0.12320
668148.79	4343090.48	0.03058	668370.10	4343090.48	0.03427
668591.41	4343090.48	0.03972	669476.65	4343090.48	0.06950
669697.96	4343090.48	0.08499	669919.27	4343090.48	0.10624
670140.58	4343090.48	0.15952	670361.89	4343090.48	0.17543
670583.20	4343090.48	0.23445	670804.51	4343090.48	0.33545
671025.82	4343090.48	0.36832	671247.13	4343090.48	0.42476
671468.44	4343090.48	0.37285	671689.75	4343090.48	0.28140
671911.06	4343090.48	0.19838	672132.37	4343090.48	0.14134
672353.68	4343090.48	0.10238	672574.99	4343090.48	0.09028
668148.79	4343255.44	0.02996	668370.10	4343255.44	0.03340
668591.41	4343255.44	0.03784	669476.65	4343255.44	0.06778
669697.96	4343255.44	0.08113	669919.27	4343255.44	0.09981
670140.58	4343255.44	0.12443	670361.89	4343255.44	0.15707
670583.20	4343255.44	0.20260	670804.51	4343255.44	0.26849
671025.82	4343255.44	0.29608	671247.13	4343255.44	0.32643
671468.44	4343255.44	0.30030	671689.75	4343255.44	0.23196
671911.06	4343255.44	0.16923	672132.37	4343255.44	0.12487
672353.68	4343255.44	0.09378	672574.99	4343255.44	0.07108
668148.79	4343420.40	0.02989	668370.10	4343420.40	0.03293

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02/24/20

*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.03633	668812.72	4343420.40	0.04116
669034.03	4343420.40	0.04658	669255.34	4343420.40	0.05350
669476.65	4343420.40	0.06261	669697.96	4343420.40	0.07759
669919.27	4343420.40	0.09322	670140.58	4343420.40	0.11196
670361.89	4343420.40	0.13991	670583.20	4343420.40	0.17757
670804.51	4343420.40	0.22794	671025.82	4343420.40	0.26240
671247.13	4343420.40	0.27380	671468.44	4343420.40	0.24160
671689.75	4343420.40	0.19670	671911.06	4343420.40	0.14730
672132.37	4343420.40	0.10970	672353.68	4343420.40	0.08319
672574.99	4343420.40	0.06454	668148.79	4343585.36	0.02987
668370.10	4343585.36	0.03287	668591.41	4343585.36	0.03564
668812.72	4343585.36	0.04049	669034.03	4343585.36	0.04621
669255.34	4343585.36	0.05284	669476.65	4343585.36	0.06119
669697.96	4343585.36	0.07093	669919.27	4343585.36	0.08482
670140.58	4343585.36	0.10265	670361.89	4343585.36	0.12619
670583.20	4343585.36	0.15756	670804.51	4343585.36	0.19448
671025.82	4343585.36	0.22635	671247.13	4343585.36	0.22641
671468.44	4343585.36	0.20712	671689.75	4343585.36	0.17559
671911.06	4343585.36	0.13324	672132.37	4343585.36	0.10167
672353.68	4343585.36	0.07680	672574.99	4343585.36	0.06023
668148.79	4343750.32	0.02898	668370.10	4343750.32	0.03236
668591.41	4343750.32	0.03567	668812.72	4343750.32	0.03960
669034.03	4343750.32	0.04580	669255.34	4343750.32	0.05207
669476.65	4343750.32	0.05898	669697.96	4343750.32	0.06806
669919.27	4343750.32	0.07971	670140.58	4343750.32	0.09515
670361.89	4343750.32	0.11582	670583.20	4343750.32	0.14016
670804.51	4343750.32	0.16766	671025.82	4343750.32	0.19103
671247.13	4343750.32	0.20034	671468.44	4343750.32	0.19127
671689.75	4343750.32	0.17066	671911.06	4343750.32	0.13307
672132.37	4343750.32	0.09968	672353.68	4343750.32	0.07331
672574.99	4343750.32	0.05818	668148.79	4343915.28	0.02794
668370.10	4343915.28	0.03134	668591.41	4343915.28	0.03508
668812.72	4343915.28	0.03907	669034.03	4343915.28	0.04446
669255.34	4343915.28	0.05058	669476.65	4343915.28	0.05727
669697.96	4343915.28	0.06484	669919.27	4343915.28	0.07487
670140.58	4343915.28	0.08852	670361.89	4343915.28	0.10537
670583.20	4343915.28	0.12613	670804.51	4343915.28	0.14765
671025.82	4343915.28	0.16526	671247.13	4343915.28	0.17140
671468.44	4343915.28	0.16315	671689.75	4343915.28	0.14508
671911.06	4343915.28	0.11675	672132.37	4343915.28	0.09587

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.07606	672574.99	4343915.28	0.05943
668148.79	4344080.24	0.02740	668370.10	4344080.24	0.03032
668591.41	4344080.24	0.03396	668812.72	4344080.24	0.03815
669034.03	4344080.24	0.04309	669255.34	4344080.24	0.04878
669476.65	4344080.24	0.05442	669697.96	4344080.24	0.06153
669919.27	4344080.24	0.07066	670140.58	4344080.24	0.08322
670361.89	4344080.24	0.09633	670583.20	4344080.24	0.11355
670804.51	4344080.24	0.13122	671025.82	4344080.24	0.14298
671247.13	4344080.24	0.14878	671468.44	4344080.24	0.14524
671689.75	4344080.24	0.12276	671911.06	4344080.24	0.09856
672132.37	4344080.24	0.07878	672353.68	4344080.24	0.06552
672574.99	4344080.24	0.05264	671464.71	4342094.27	3.76304
671482.23	4342063.91	3.92388	671498.58	4342030.05	4.08846
671513.75	4341991.52	4.37351	671541.78	4341964.66	4.11363
671575.64	4341974.00	3.20016	671460.75	4342162.97	2.98305
671451.00	4342187.35	2.89227	671510.73	4342219.66	2.13099
671524.14	4342192.84	2.13354	671522.92	4342250.74	1.91508
671599.11	4342252.57	1.46681	671627.76	4342256.84	1.32967
671583.88	4342116.03	1.92774	671595.46	4342071.54	2.04639
671663.12	4342056.30	1.71562	671600.94	4342030.09	2.31260
671526.58	4342155.65	2.25907	671628.98	4342292.19	1.24390
671641.78	4341980.71	2.26185	671666.77	4342018.51	1.86037
671407.11	4342219.66	3.20975	671415.64	4342183.08	3.50561
671635.08	4341706.42	3.61082	671693.59	4341710.08	2.34478
671719.80	4341736.29	2.09850	671673.48	4341630.23	2.37105
671888.04	4341936.22	0.98168	671977.64	4341952.07	0.70390
672039.21	4341894.77	0.56774	671858.17	4341753.96	1.17805
671922.78	4341634.49	0.70640	671613.74	4341791.15	4.10470
671853.29	4341730.80	1.16446	671783.81	4341585.73	1.17763
671783.20	4341546.72	1.03776	671769.18	4341461.38	0.81193
671800.87	4341420.54	0.62084	671880.11	4341427.25	0.41390
672012.39	4341504.66	0.31786	672084.31	4341547.94	0.33283
671915.47	4341478.45	0.42053	671903.28	4341564.40	0.60697
671863.05	4341522.34	0.61177	671830.13	4341336.43	0.44072
671835.62	4341287.66	0.39101	671825.87	4341275.47	0.38827
672136.73	4341370.56	0.16313	671920.34	4341307.17	0.27234
671695.42	4341257.19	0.35389	671682.01	4341176.12	0.24907
671991.66	4341196.23	0.20861	672022.14	4341231.59	0.18663


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671992.27 4341177.95 0.18829 671540.60 4341238.29 0.24345
671575.34 4341177.95 0.19018 671454.65 4341196.23 0.21464
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*** AERMET - VERSION 14134 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.16026	671413.20	4341126.74	0.17212
671471.11	4341064.57	0.14183	671601.55	4341050.55	0.16439
671198.64	4341253.53	0.22867	671278.49	4341212.08	0.21499
671230.34	4341132.84	0.16153	671073.08	4341271.82	0.22818
671122.45	4341373.61	0.35096	671118.79	4341397.38	0.38956
670978.40	4341324.15	0.28307	670932.85	4341394.21	0.36775
670935.19	4341367.36	0.33936	671108.01	4340976.17	0.11567
671286.67	4340978.51	0.11578	671675.37	4342488.78	0.70656
671091.40	4342277.23	3.22041	671051.75	4342332.07	2.17585
671051.75	4342369.20	1.97645	670953.04	4342360.76	1.41491
670695.71	4342235.89	0.64162	670545.53	4342318.58	0.39203
670711.74	4342488.16	0.50492	670648.30	4342501.73	0.39458
670648.30	4342630.87	0.32040	670806.29	4342728.41	0.49003
670688.15	4342739.41	0.33123	670804.92	4342427.55	0.80391
670439.48	4342471.51	0.28534	670358.43	4342578.67	0.23285
670546.64	4342662.47	0.30207	670537.03	4342595.15	0.29210
670483.45	4342776.50	0.26135	670508.17	4342754.52	0.27301
670517.79	4342868.54	0.27739	670545.27	4342850.69	0.28013
670582.36	4342878.16	0.29960	670304.85	4342688.57	0.21789
670039.70	4342661.10	0.14046	670156.48	4342673.46	0.16452
670236.16	4342648.73	0.18611	670071.30	4342738.03	0.14400
669990.24	4342753.14	0.12986	669928.42	4342742.15	0.12100
669815.77	4342673.46	0.10940	669742.96	4342655.60	0.10264
669791.04	4342744.90	0.10530	669696.25	4342731.16	0.09677
669536.88	4342552.57	0.08230	671174.86	4342280.21	4.07827
671068.38	4342169.93	5.80584	670965.71	4342179.44	4.91190
670815.50	4342198.45	1.06724	670737.55	4342097.68	0.79788
670762.27	4342069.16	0.89204	670817.40	4342040.64	1.14854
670895.36	4342025.43	1.72824	670979.02	4341915.15	2.44499
671115.92	4341863.81	6.15486	671199.58	4341770.65	10.34569
671222.39	4341377.07	0.46044	671714.84	4341392.28	0.69750
671366.89	4341998.81	16.58410	671226.19	4342236.48	5.52849
669098.44	4343411.59	0.04834	668908.63	4343364.56	0.04366
668851.52	4343359.52	0.04230	668831.37	4343371.27	0.04172

668733.94	4343302.41	0.04030	668686.91	4343199.95	0.04041
668671.79	4343089.09	0.04113	668806.17	4343001.74	0.04494
668918.71	4343025.26	0.04810	669024.53	4342942.95	0.05232
669288.24	4342916.08	0.06350	669333.59	4342922.80	0.06549
669365.51	4342978.23	0.06589	669336.95	4343151.23	0.06124
669303.36	4343304.09	0.05772	669222.73	4343235.22	0.05527

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PAGE 908

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 0.05082

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*** AERMET - VERSION 14134 *** ***

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PAGE 909

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

668148.79 4340781.04 0.06733 668370.10 4340781.04 0.06479
668591.41 4340781.04 0.06615 668812.72 4340781.04 0.06990
669034.03 4340781.04 0.07095 669255.34 4340781.04 0.07160
669476.65 4340781.04 0.07523 669697.96 4340781.04 0.07555
669919.27 4340781.04 0.07596 670140.58 4340781.04 0.07488
670361.89 4340781.04 0.06675 670583.20 4340781.04 0.05278
670804.51 4340781.04 0.04893 671025.82 4340781.04 0.04027
671247.13 4340781.04 0.03051 671468.44 4340781.04 0.03116
671689.75 4340781.04 0.02935 671911.06 4340781.04 0.02631
672132.37 4340781.04 0.01972 672353.68 4340781.04 0.02538

672574.99	4340781.04	0.03221	668148.79	4340946.00	0.07661
668370.10	4340946.00	0.07525	668591.41	4340946.00	0.07569
668812.72	4340946.00	0.07918	669034.03	4340946.00	0.07723
669255.34	4340946.00	0.08012	669476.65	4340946.00	0.08434
669697.96	4340946.00	0.08101	669919.27	4340946.00	0.09322
670140.58	4340946.00	0.08927	670361.89	4340946.00	0.08279
670583.20	4340946.00	0.07267	670804.51	4340946.00	0.05648
671025.82	4340946.00	0.04446	671247.13	4340946.00	0.03216
671468.44	4340946.00	0.02974	671689.75	4340946.00	0.03493
671911.06	4340946.00	0.03470	672132.37	4340946.00	0.01969
672353.68	4340946.00	0.02483	672574.99	4340946.00	0.03419
668148.79	4341110.96	0.08293	668370.10	4341110.96	0.08631
668591.41	4341110.96	0.08292	668812.72	4341110.96	0.08540
669034.03	4341110.96	0.08684	669255.34	4341110.96	0.09279
669476.65	4341110.96	0.09332	669697.96	4341110.96	0.09100
669919.27	4341110.96	0.09514	670140.58	4341110.96	0.10962
670361.89	4341110.96	0.10193	670583.20	4341110.96	0.07652
670804.51	4341110.96	0.05553	671025.82	4341110.96	0.04345
671247.13	4341110.96	0.03927	671468.44	4341110.96	0.03339
671689.75	4341110.96	0.04722	671911.06	4341110.96	0.04153
672132.37	4341110.96	0.02183	672353.68	4341110.96	0.02054
672574.99	4341110.96	0.03336	668148.79	4341275.92	0.08893
668370.10	4341275.92	0.09120	668591.41	4341275.92	0.08920
668812.72	4341275.92	0.08878	669034.03	4341275.92	0.09380
669255.34	4341275.92	0.09673	669476.65	4341275.92	0.10391
669697.96	4341275.92	0.10788	669919.27	4341275.92	0.11754
670140.58	4341275.92	0.13831	670361.89	4341275.92	0.11857
670583.20	4341275.92	0.07728	670804.51	4341275.92	0.06251
671025.82	4341275.92	0.04998	671247.13	4341275.92	0.05280
671468.44	4341275.92	0.06214	671689.75	4341275.92	0.06868

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*** AERMET - VERSION 14134 *** ***

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PAGE 910

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
 L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.05615	672132.37	4341275.92	0.02592
672353.68	4341275.92	0.01818	672574.99	4341275.92	0.03510
668148.79	4341440.88	0.09748	668370.10	4341440.88	0.09780
668591.41	4341440.88	0.09681	668812.72	4341440.88	0.09521
669034.03	4341440.88	0.10504	669255.34	4341440.88	0.10842
669476.65	4341440.88	0.11468	669697.96	4341440.88	0.11887

669919.27	4341440.88	0.14818	670140.58	4341440.88	0.16204
670361.89	4341440.88	0.14772	670583.20	4341440.88	0.10086
670804.51	4341440.88	0.09243	671025.82	4341440.88	0.06883
671689.75	4341440.88	0.10876	671911.06	4341440.88	0.06504
672132.37	4341440.88	0.02833	672353.68	4341440.88	0.02455
672574.99	4341440.88	0.05388	668148.79	4341605.84	0.10247
668370.10	4341605.84	0.10073	668591.41	4341605.84	0.10257
668812.72	4341605.84	0.10578	669034.03	4341605.84	0.11157
669255.34	4341605.84	0.11897	669476.65	4341605.84	0.12847
669697.96	4341605.84	0.13282	669919.27	4341605.84	0.17657
670140.58	4341605.84	0.19537	670361.89	4341605.84	0.17945
670583.20	4341605.84	0.15604	670804.51	4341605.84	0.16380
671025.82	4341605.84	0.11883	671689.75	4341605.84	0.13321
671911.06	4341605.84	0.08286	672132.37	4341605.84	0.04018
672353.68	4341605.84	0.03171	672574.99	4341605.84	0.05979
668148.79	4341770.80	0.11868	668370.10	4341770.80	0.11084
668591.41	4341770.80	0.11841	668812.72	4341770.80	0.12059
669034.03	4341770.80	0.12355	669255.34	4341770.80	0.13849
669476.65	4341770.80	0.14158	669697.96	4341770.80	0.15493
669919.27	4341770.80	0.18895	670140.58	4341770.80	0.21149
670361.89	4341770.80	0.19769	670583.20	4341770.80	0.27094
670804.51	4341770.80	0.33315	671025.82	4341770.80	0.31609
671689.75	4341770.80	0.12213	671911.06	4341770.80	0.09600
672132.37	4341770.80	0.03804	672353.68	4341770.80	0.02805
672574.99	4341770.80	0.06550	668148.79	4341935.76	0.13405
668370.10	4341935.76	0.13853	668591.41	4341935.76	0.13290
668812.72	4341935.76	0.13129	669034.03	4341935.76	0.13682
669255.34	4341935.76	0.15708	669476.65	4341935.76	0.15999
669697.96	4341935.76	0.17717	669919.27	4341935.76	0.17388
670140.58	4341935.76	0.19389	670361.89	4341935.76	0.23973
670583.20	4341935.76	0.37839	670804.51	4341935.76	0.47518
671468.44	4341935.76	0.18155	671689.75	4341935.76	0.11301
671911.06	4341935.76	0.09017	672132.37	4341935.76	0.04331
672353.68	4341935.76	0.03095	672574.99	4341935.76	0.05927

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** *** 17:19:20

PAGE 911

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.15713	668370.10	4342100.72	0.15442
668591.41	4342100.72	0.14575	668812.72	4342100.72	0.14848

669034.03	4342100.72	0.16848	669255.34	4342100.72	0.18362
669476.65	4342100.72	0.18119	669697.96	4342100.72	0.19059
669919.27	4342100.72	0.21470	670140.58	4342100.72	0.23899
670361.89	4342100.72	0.29814	670583.20	4342100.72	0.42434
671468.44	4342100.72	0.18566	671689.75	4342100.72	0.11517
671911.06	4342100.72	0.09548	672132.37	4342100.72	0.05908
672353.68	4342100.72	0.03988	672574.99	4342100.72	0.06087
668148.79	4342265.68	0.18193	668370.10	4342265.68	0.17947
668591.41	4342265.68	0.18678	668812.72	4342265.68	0.18822
669034.03	4342265.68	0.19234	669255.34	4342265.68	0.19272
669476.65	4342265.68	0.20676	669697.96	4342265.68	0.23940
669919.27	4342265.68	0.25902	670140.58	4342265.68	0.29331
670361.89	4342265.68	0.39041	670583.20	4342265.68	0.52429
670804.51	4342265.68	0.90013	671025.82	4342265.68	2.78750
671247.13	4342265.68	2.14951	671468.44	4342265.68	0.26865
671689.75	4342265.68	0.14568	671911.06	4342265.68	0.09759
672132.37	4342265.68	0.07946	672353.68	4342265.68	0.05700
672574.99	4342265.68	0.08006	668148.79	4342430.64	0.19831
668370.10	4342430.64	0.22370	668591.41	4342430.64	0.23777
668812.72	4342430.64	0.25625	669034.03	4342430.64	0.27267
669255.34	4342430.64	0.27253	669476.65	4342430.64	0.26404
669697.96	4342430.64	0.28879	669919.27	4342430.64	0.32304
670140.58	4342430.64	0.38155	670361.89	4342430.64	0.47399
670583.20	4342430.64	0.65210	670804.51	4342430.64	1.23626
671025.82	4342430.64	6.32980	671247.13	4342430.64	0.86771
671468.44	4342430.64	0.26020	671689.75	4342430.64	0.14274
671911.06	4342430.64	0.09864	672132.37	4342430.64	0.08390
672353.68	4342430.64	0.09939	672574.99	4342430.64	0.08967
668148.79	4342595.60	0.23642	668370.10	4342595.60	0.27060
668591.41	4342595.60	0.30051	668812.72	4342595.60	0.31594
669034.03	4342595.60	0.33785	669255.34	4342595.60	0.33303
669476.65	4342595.60	0.35575	669697.96	4342595.60	0.35286
669919.27	4342595.60	0.40438	670140.58	4342595.60	0.47674
670361.89	4342595.60	0.58338	670583.20	4342595.60	0.71964
670804.51	4342595.60	1.66211	671025.82	4342595.60	3.81628
671247.13	4342595.60	0.75363	671468.44	4342595.60	0.21782
671689.75	4342595.60	0.11707	671911.06	4342595.60	0.08079
672132.37	4342595.60	0.07098	672353.68	4342595.60	0.09322

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.08300	668148.79	4342760.56	0.31523
668370.10	4342760.56	0.35660	668591.41	4342760.56	0.36071
668812.72	4342760.56	0.38755	669034.03	4342760.56	0.37717
669255.34	4342760.56	0.38572	669476.65	4342760.56	0.44095
669697.96	4342760.56	0.40759	669919.27	4342760.56	0.49272
670140.58	4342760.56	0.56122	670361.89	4342760.56	0.75524
670583.20	4342760.56	0.92114	670804.51	4342760.56	3.58902
671025.82	4342760.56	1.44238	671247.13	4342760.56	0.43189
671468.44	4342760.56	0.19543	671689.75	4342760.56	0.11381
671911.06	4342760.56	0.07316	672132.37	4342760.56	0.06225
672353.68	4342760.56	0.08073	672574.99	4342760.56	0.07488
668148.79	4342925.52	0.43516	668370.10	4342925.52	0.47736
668591.41	4342925.52	0.47341	668812.72	4342925.52	0.51995
669034.03	4342925.52	0.54274	669476.65	4342925.52	0.57178
669697.96	4342925.52	0.61065	669919.27	4342925.52	0.56850
670140.58	4342925.52	0.58100	670361.89	4342925.52	0.81101
670583.20	4342925.52	3.47054	670804.51	4342925.52	2.45050
671025.82	4342925.52	0.62347	671247.13	4342925.52	0.33120
671468.44	4342925.52	0.16348	671689.75	4342925.52	0.10207
671911.06	4342925.52	0.06925	672132.37	4342925.52	0.05105
672353.68	4342925.52	0.05258	672574.99	4342925.52	0.05949
668148.79	4343090.48	0.54329	668370.10	4343090.48	0.75732
668591.41	4343090.48	0.66307	669476.65	4343090.48	1.00817
669697.96	4343090.48	1.08924	669919.27	4343090.48	1.15770
670140.58	4343090.48	1.01106	670361.89	4343090.48	3.00495
670583.20	4343090.48	2.51592	670804.51	4343090.48	1.08355
671025.82	4343090.48	0.41674	671247.13	4343090.48	0.25362
671468.44	4343090.48	0.14262	671689.75	4343090.48	0.09050
671911.06	4343090.48	0.06350	672132.37	4343090.48	0.04831
672353.68	4343090.48	0.03728	672574.99	4343090.48	0.03635
668148.79	4343255.44	0.97483	668370.10	4343255.44	2.31130
668591.41	4343255.44	1.33852	669476.65	4343255.44	1.87438
669697.96	4343255.44	4.65659	669919.27	4343255.44	4.60677
670140.58	4343255.44	4.76855	670361.89	4343255.44	2.67120
670583.20	4343255.44	1.26255	670804.51	4343255.44	0.75098
671025.82	4343255.44	0.30842	671247.13	4343255.44	0.19623
671468.44	4343255.44	0.12640	671689.75	4343255.44	0.08036
671911.06	4343255.44	0.05672	672132.37	4343255.44	0.04439
672353.68	4343255.44	0.03574	672574.99	4343255.44	0.02837
668148.79	4343420.40	0.64455	668370.10	4343420.40	2.48517

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 *** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
 L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	5.99428	668812.72	4343420.40	5.80000
669034.03	4343420.40	5.17848	669255.34	4343420.40	2.67791
669476.65	4343420.40	3.44229	669697.96	4343420.40	1.85472
669919.27	4343420.40	1.92929	670140.58	4343420.40	1.46442
670361.89	4343420.40	1.10101	670583.20	4343420.40	0.78630
670804.51	4343420.40	0.51920	671025.82	4343420.40	0.28726
671247.13	4343420.40	0.18029	671468.44	4343420.40	0.10685
671689.75	4343420.40	0.07291	671911.06	4343420.40	0.05175
672132.37	4343420.40	0.03978	672353.68	4343420.40	0.03214
672574.99	4343420.40	0.02644	668148.79	4343585.36	0.34578
668370.10	4343585.36	0.70733	668591.41	4343585.36	1.32894
668812.72	4343585.36	1.26431	669034.03	4343585.36	1.32526
669255.34	4343585.36	1.13697	669476.65	4343585.36	1.14694
669697.96	4343585.36	1.02954	669919.27	4343585.36	0.93343
670140.58	4343585.36	0.82230	670361.89	4343585.36	0.68297
670583.20	4343585.36	0.55107	670804.51	4343585.36	0.43388
671025.82	4343585.36	0.30301	671247.13	4343585.36	0.15232
671468.44	4343585.36	0.10034	671689.75	4343585.36	0.07167
671911.06	4343585.36	0.04956	672132.37	4343585.36	0.03803
672353.68	4343585.36	0.03005	672574.99	4343585.36	0.02511
668148.79	4343750.32	0.33863	668370.10	4343750.32	0.42764
668591.41	4343750.32	0.59224	668812.72	4343750.32	0.71268
669034.03	4343750.32	0.63078	669255.34	4343750.32	0.64792
669476.65	4343750.32	0.66177	669697.96	4343750.32	0.65046
669919.27	4343750.32	0.61362	670140.58	4343750.32	0.55115
670361.89	4343750.32	0.48379	670583.20	4343750.32	0.41077
670804.51	4343750.32	0.33995	671025.82	4343750.32	0.27604
671247.13	4343750.32	0.18201	671468.44	4343750.32	0.14429
671689.75	4343750.32	0.11176	671911.06	4343750.32	0.06070
672132.37	4343750.32	0.03994	672353.68	4343750.32	0.02925
672574.99	4343750.32	0.02461	668148.79	4343915.28	0.32852
668370.10	4343915.28	0.35672	668591.41	4343915.28	0.39061
668812.72	4343915.28	0.45052	669034.03	4343915.28	0.44924
669255.34	4343915.28	0.44634	669476.65	4343915.28	0.44862
669697.96	4343915.28	0.44690	669919.27	4343915.28	0.43959
670140.58	4343915.28	0.39996	670361.89	4343915.28	0.36312
670583.20	4343915.28	0.31785	670804.51	4343915.28	0.27187
671025.82	4343915.28	0.22286	671247.13	4343915.28	0.18957
671468.44	4343915.28	0.12263	671689.75	4343915.28	0.07704
671911.06	4343915.28	0.05393	672132.37	4343915.28	0.04258

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,

L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.03267	672574.99	4343915.28	0.02599
668148.79	4344080.24	0.26059	668370.10	4344080.24	0.30785
668591.41	4344080.24	0.32387	668812.72	4344080.24	0.33622
669034.03	4344080.24	0.34110	669255.34	4344080.24	0.33618
669476.65	4344080.24	0.34388	669697.96	4344080.24	0.33755
669919.27	4344080.24	0.32323	670140.58	4344080.24	0.29413
670361.89	4344080.24	0.28506	670583.20	4344080.24	0.25428
670804.51	4344080.24	0.21555	671025.82	4344080.24	0.14940
671247.13	4344080.24	0.15651	671468.44	4344080.24	0.12190
671689.75	4344080.24	0.06199	671911.06	4344080.24	0.04211
672132.37	4344080.24	0.03218	672353.68	4344080.24	0.02707
672574.99	4344080.24	0.02237	671464.71	4342094.27	0.18844
671482.23	4342063.91	0.17406	671498.58	4342030.05	0.15963
671513.75	4341991.52	0.14985	671541.78	4341964.66	0.13707
671575.64	4341974.00	0.12101	671460.75	4342162.97	0.21315
671451.00	4342187.35	0.23327	671510.73	4342219.66	0.20535
671524.14	4342192.84	0.18355	671522.92	4342250.74	0.21157
671599.11	4342252.57	0.17075	671627.76	4342256.84	0.16167
671583.88	4342116.03	0.12685	671595.46	4342071.54	0.11403
671663.12	4342056.30	0.10766	671600.94	4342030.09	0.11196
671526.58	4342155.65	0.16417	671628.98	4342292.19	0.16925
671641.78	4341980.71	0.10742	671666.77	4342018.51	0.10537
671407.11	4342219.66	0.31497	671415.64	4342183.08	0.27967
671635.08	4341706.42	0.13785	671693.59	4341710.08	0.13123
671719.80	4341736.29	0.13123	671673.48	4341630.23	0.13617
671888.04	4341936.22	0.10042	671977.64	4341952.07	0.07111
672039.21	4341894.77	0.05286	671858.17	4341753.96	0.11674
671922.78	4341634.49	0.08251	671613.74	4341791.15	0.13279
671853.29	4341730.80	0.11465	671783.81	4341585.73	0.11596
671783.20	4341546.72	0.11038	671769.18	4341461.38	0.10223
671800.87	4341420.54	0.09196	671880.11	4341427.25	0.07188
672012.39	4341504.66	0.03954	672084.31	4341547.94	0.03902
671915.47	4341478.45	0.06627	671903.28	4341564.40	0.07988
671863.05	4341522.34	0.08832	671830.13	4341336.43	0.07923
671835.62	4341287.66	0.07508	671825.87	4341275.47	0.07478
672136.73	4341370.56	0.02559	671920.34	4341307.17	0.05176
671695.42	4341257.19	0.06524	671682.01	4341176.12	0.04895
671991.66	4341196.23	0.04493	672022.14	4341231.59	0.04122
671992.27	4341177.95	0.03979	671540.60	4341238.29	0.04176
671575.34	4341177.95	0.03512	671454.65	4341196.23	0.04133

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02/24/20

*** AERMET - VERSION 14134 *** ***

17:19:20

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.03271	671413.20	4341126.74	0.03890
671471.11	4341064.57	0.03210	671601.55	4341050.55	0.03726
671198.64	4341253.53	0.04633	671278.49	4341212.08	0.04653
671230.34	4341132.84	0.03923	671073.08	4341271.82	0.04783
671122.45	4341373.61	0.06068	671118.79	4341397.38	0.06515
670978.40	4341324.15	0.05606	670932.85	4341394.21	0.06789
670935.19	4341367.36	0.06466	671108.01	4340976.17	0.03850
671286.67	4340978.51	0.03256	671675.37	4342488.78	0.13697
671091.40	4342277.23	5.26418	671051.75	4342332.07	3.48342
671051.75	4342369.20	4.60894	670953.04	4342360.76	1.98555
670695.71	4342235.89	0.63495	670545.53	4342318.58	0.53353
670711.74	4342488.16	0.95262	670648.30	4342501.73	0.78343
670648.30	4342630.87	0.66445	670806.29	4342728.41	2.70202
670688.15	4342739.41	0.80953	670804.92	4342427.55	1.22656
670439.48	4342471.51	0.56261	670358.43	4342578.67	0.57125
670546.64	4342662.47	0.81334	670537.03	4342595.15	0.69526
670483.45	4342776.50	0.89384	670508.17	4342754.52	0.90239
670517.79	4342868.54	1.15060	670545.27	4342850.69	1.09055
670582.36	4342878.16	1.47019	670304.85	4342688.57	0.60622
670039.70	4342661.10	0.48116	670156.48	4342673.46	0.54531
670236.16	4342648.73	0.54326	670071.30	4342738.03	0.55838
669990.24	4342753.14	0.51791	669928.42	4342742.15	0.48771
669815.77	4342673.46	0.40851	669742.96	4342655.60	0.37690
669791.04	4342744.90	0.43231	669696.25	4342731.16	0.39377
669536.88	4342552.57	0.34182	671174.86	4342280.21	5.04097
671068.38	4342169.93	5.33086	670965.71	4342179.44	2.09792
670815.50	4342198.45	0.83735	670737.55	4342097.68	0.55735
670762.27	4342069.16	0.56349	670817.40	4342040.64	0.61479
670895.36	4342025.43	0.74715	670979.02	4341915.15	0.56853
671115.92	4341863.81	0.48079	671199.58	4341770.65	0.32201
671222.39	4341377.07	0.07136	671714.84	4341392.28	0.09636
671366.89	4341998.81	0.41492	671226.19	4342236.48	2.55919
669098.44	4343411.59	4.45782	668908.63	4343364.56	6.37675
668851.52	4343359.52	5.70846	668831.37	4343371.27	6.51560
668733.94	4343302.41	2.44118	668686.91	4343199.95	1.16135
668671.79	4343089.09	0.76589	668806.17	4343001.74	0.64329
668918.71	4343025.26	0.69434	669024.53	4342942.95	0.57370
669288.24	4342916.08	0.54585	669333.59	4342922.80	0.56216
669365.51	4342978.23	0.66989	669336.95	4343151.23	1.53614
669303.36	4343304.09	4.95136	669222.73	4343235.22	4.19831

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
669135.39	4343305.77	5.43933			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.03141	668370.10	4340781.04	0.03714
668591.41	4340781.04	0.04372	668812.72	4340781.04	0.05156
669034.03	4340781.04	0.06179	669255.34	4340781.04	0.07464
669476.65	4340781.04	0.09039	669697.96	4340781.04	0.11083
669919.27	4340781.04	0.14131	670140.58	4340781.04	0.16246
670361.89	4340781.04	0.17696	670583.20	4340781.04	0.15144
670804.51	4340781.04	0.12051	671025.82	4340781.04	0.07136
671247.13	4340781.04	0.06638	671468.44	4340781.04	0.07698
671689.75	4340781.04	0.09226	671911.06	4340781.04	0.08388
672132.37	4340781.04	0.06321	672353.68	4340781.04	0.05833
672574.99	4340781.04	0.05488	668148.79	4340946.00	0.02752
668370.10	4340946.00	0.03302	668591.41	4340946.00	0.03938
668812.72	4340946.00	0.04710	669034.03	4340946.00	0.05788
669255.34	4340946.00	0.07107	669476.65	4340946.00	0.08785
669697.96	4340946.00	0.11281	669919.27	4340946.00	0.13019
670140.58	4340946.00	0.18067	670361.89	4340946.00	0.21476
670583.20	4340946.00	0.23756	670804.51	4340946.00	0.19126
671025.82	4340946.00	0.10607	671247.13	4340946.00	0.08012
671468.44	4340946.00	0.09477	671689.75	4340946.00	0.13316
671911.06	4340946.00	0.13421	672132.37	4340946.00	0.06723
672353.68	4340946.00	0.06613	672574.99	4340946.00	0.07737

668148.79	4341110.96	0.02430	668370.10	4341110.96	0.02842
668591.41	4341110.96	0.03453	668812.72	4341110.96	0.04167
669034.03	4341110.96	0.05127	669255.34	4341110.96	0.06333
669476.65	4341110.96	0.08102	669697.96	4341110.96	0.10598
669919.27	4341110.96	0.13939	670140.58	4341110.96	0.16374
670361.89	4341110.96	0.20120	670583.20	4341110.96	0.24384
670804.51	4341110.96	0.24794	671025.82	4341110.96	0.16577
671247.13	4341110.96	0.12301	671468.44	4341110.96	0.14733
671689.75	4341110.96	0.22492	671911.06	4341110.96	0.18052
672132.37	4341110.96	0.09294	672353.68	4341110.96	0.08749
672574.99	4341110.96	0.11105	668148.79	4341275.92	0.02196
668370.10	4341275.92	0.02549	668591.41	4341275.92	0.03031
668812.72	4341275.92	0.03648	669034.03	4341275.92	0.04446
669255.34	4341275.92	0.05520	669476.65	4341275.92	0.07002
669697.96	4341275.92	0.09183	669919.27	4341275.92	0.11297
670140.58	4341275.92	0.11680	670361.89	4341275.92	0.15755
670583.20	4341275.92	0.20309	670804.51	4341275.92	0.30069
671025.82	4341275.92	0.32022	671247.13	4341275.92	0.26369
671468.44	4341275.92	0.41610	671689.75	4341275.92	0.44120

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.26808	672132.37	4341275.92	0.16432
672353.68	4341275.92	0.12541	672574.99	4341275.92	0.14188
668148.79	4341440.88	0.02051	668370.10	4341440.88	0.02369
668591.41	4341440.88	0.02763	668812.72	4341440.88	0.03277
669034.03	4341440.88	0.03914	669255.34	4341440.88	0.04759
669476.65	4341440.88	0.05956	669697.96	4341440.88	0.07687
669919.27	4341440.88	0.06881	670140.58	4341440.88	0.07485
670361.89	4341440.88	0.10629	670583.20	4341440.88	0.15012
670804.51	4341440.88	0.31131	671025.82	4341440.88	0.52338
671689.75	4341440.88	1.23299	671911.06	4341440.88	0.55511
672132.37	4341440.88	0.28125	672353.68	4341440.88	0.20314
672574.99	4341440.88	0.19547	668148.79	4341605.84	0.02037
668370.10	4341605.84	0.02321	668591.41	4341605.84	0.02667
668812.72	4341605.84	0.03100	669034.03	4341605.84	0.03649
669255.34	4341605.84	0.04373	669476.65	4341605.84	0.05363
669697.96	4341605.84	0.06067	669919.27	4341605.84	0.05335
670140.58	4341605.84	0.05960	670361.89	4341605.84	0.06827
670583.20	4341605.84	0.09873	670804.51	4341605.84	0.23742
671025.82	4341605.84	0.51623	671689.75	4341605.84	3.17078
671911.06	4341605.84	0.97666	672132.37	4341605.84	0.44708

672353.68	4341605.84	0.27207	672574.99	4341605.84	0.22079
668148.79	4341770.80	0.01992	668370.10	4341770.80	0.02300
668591.41	4341770.80	0.02598	668812.72	4341770.80	0.03013
669034.03	4341770.80	0.03542	669255.34	4341770.80	0.04212
669476.65	4341770.80	0.04940	669697.96	4341770.80	0.05398
669919.27	4341770.80	0.05073	670140.58	4341770.80	0.05458
670361.89	4341770.80	0.05812	670583.20	4341770.80	0.09886
670804.51	4341770.80	0.25881	671025.82	4341770.80	0.69425
671689.75	4341770.80	2.62389	671911.06	4341770.80	0.99493
672132.37	4341770.80	0.41657	672353.68	4341770.80	0.24090
672574.99	4341770.80	0.21573	668148.79	4341935.76	0.01915
668370.10	4341935.76	0.02199	668591.41	4341935.76	0.02543
668812.72	4341935.76	0.02948	669034.03	4341935.76	0.03443
669255.34	4341935.76	0.03930	669476.65	4341935.76	0.04191
669697.96	4341935.76	0.03498	669919.27	4341935.76	0.03343
670140.58	4341935.76	0.04103	670361.89	4341935.76	0.05933
670583.20	4341935.76	0.13777	670804.51	4341935.76	0.46835
671468.44	4341935.76	5.27079	671689.75	4341935.76	1.54943
671911.06	4341935.76	0.72433	672132.37	4341935.76	0.34551
672353.68	4341935.76	0.20448	672574.99	4341935.76	0.19639

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.01878	668370.10	4342100.72	0.02164
668591.41	4342100.72	0.02486	668812.72	4342100.72	0.02853
669034.03	4342100.72	0.03336	669255.34	4342100.72	0.03662
669476.65	4342100.72	0.03730	669697.96	4342100.72	0.03968
669919.27	4342100.72	0.04875	670140.58	4342100.72	0.05574
670361.89	4342100.72	0.14321	670583.20	4342100.72	0.26007
671468.44	4342100.72	2.21221	671689.75	4342100.72	0.98975
671911.06	4342100.72	0.52867	672132.37	4342100.72	0.30114
672353.68	4342100.72	0.18746	672574.99	4342100.72	0.17676
668148.79	4342265.68	0.01834	668370.10	4342265.68	0.02114
668591.41	4342265.68	0.02372	668812.72	4342265.68	0.02768
669034.03	4342265.68	0.03289	669255.34	4342265.68	0.04047
669476.65	4342265.68	0.05066	669697.96	4342265.68	0.06309
669919.27	4342265.68	0.08462	670140.58	4342265.68	0.11232
670361.89	4342265.68	0.17024	670583.20	4342265.68	0.26225
670804.51	4342265.68	0.45682	671025.82	4342265.68	0.72369
671247.13	4342265.68	1.41039	671468.44	4342265.68	1.37057
671689.75	4342265.68	0.75255	671911.06	4342265.68	0.40180
672132.37	4342265.68	0.26505	672353.68	4342265.68	0.18221

672574.99	4342265.68	0.15706	668148.79	4342430.64	0.01753
668370.10	4342430.64	0.02075	668591.41	4342430.64	0.02333
668812.72	4342430.64	0.02734	669034.03	4342430.64	0.03284
669255.34	4342430.64	0.04071	669476.65	4342430.64	0.05295
669697.96	4342430.64	0.06749	669919.27	4342430.64	0.08870
670140.58	4342430.64	0.11802	670361.89	4342430.64	0.16750
670583.20	4342430.64	0.24981	670804.51	4342430.64	0.41169
671025.82	4342430.64	0.61316	671247.13	4342430.64	0.84085
671468.44	4342430.64	0.87210	671689.75	4342430.64	0.55461
671911.06	4342430.64	0.32010	672132.37	4342430.64	0.22000
672353.68	4342430.64	0.18052	672574.99	4342430.64	0.14208
668148.79	4342595.60	0.01836	668370.10	4342595.60	0.02102
668591.41	4342595.60	0.02459	668812.72	4342595.60	0.02925
669034.03	4342595.60	0.03524	669255.34	4342595.60	0.04336
669476.65	4342595.60	0.05283	669697.96	4342595.60	0.06871
669919.27	4342595.60	0.08672	670140.58	4342595.60	0.11869
670361.89	4342595.60	0.16680	670583.20	4342595.60	0.19012
670804.51	4342595.60	0.29475	671025.82	4342595.60	0.47182
671247.13	4342595.60	0.62990	671468.44	4342595.60	0.58686
671689.75	4342595.60	0.40103	671911.06	4342595.60	0.24730
672132.37	4342595.60	0.17666	672353.68	4342595.60	0.15338

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.12514	668148.79	4342760.56	0.01988
668370.10	4342760.56	0.02317	668591.41	4342760.56	0.02653
668812.72	4342760.56	0.03147	669034.03	4342760.56	0.03802
669255.34	4342760.56	0.04568	669476.65	4342760.56	0.05429
669697.96	4342760.56	0.07020	669919.27	4342760.56	0.08943
670140.58	4342760.56	0.11054	670361.89	4342760.56	0.15595
670583.20	4342760.56	0.17050	670804.51	4342760.56	0.24078
671025.82	4342760.56	0.34960	671247.13	4342760.56	0.43895
671468.44	4342760.56	0.43047	671689.75	4342760.56	0.32618
671911.06	4342760.56	0.20244	672132.37	4342760.56	0.14579
672353.68	4342760.56	0.12874	672574.99	4342760.56	0.10435
668148.79	4342925.52	0.02104	668370.10	4342925.52	0.02425
668591.41	4342925.52	0.02833	668812.72	4342925.52	0.03253
669034.03	4342925.52	0.03812	669476.65	4342925.52	0.05494
669697.96	4342925.52	0.07003	669919.27	4342925.52	0.08418
670140.58	4342925.52	0.10572	670361.89	4342925.52	0.13710
670583.20	4342925.52	0.18358	670804.51	4342925.52	0.22681
671025.82	4342925.52	0.25993	671247.13	4342925.52	0.33743

671468.44	4342925.52	0.31996	671689.75	4342925.52	0.25896
671911.06	4342925.52	0.17388	672132.37	4342925.52	0.11719
672353.68	4342925.52	0.09823	672574.99	4342925.52	0.08900
668148.79	4343090.48	0.02106	668370.10	4343090.48	0.02411
668591.41	4343090.48	0.02855	669476.65	4343090.48	0.05455
669697.96	4343090.48	0.06874	669919.27	4343090.48	0.08751
670140.58	4343090.48	0.11529	670361.89	4343090.48	0.13477
670583.20	4343090.48	0.16135	670804.51	4343090.48	0.20050
671025.82	4343090.48	0.21267	671247.13	4343090.48	0.26456
671468.44	4343090.48	0.25183	671689.75	4343090.48	0.20882
671911.06	4343090.48	0.14943	672132.37	4343090.48	0.10530
672353.68	4343090.48	0.07490	672574.99	4343090.48	0.06443
668148.79	4343255.44	0.02141	668370.10	4343255.44	0.02418
668591.41	4343255.44	0.02781	669476.65	4343255.44	0.05550
669697.96	4343255.44	0.06824	669919.27	4343255.44	0.08484
670140.58	4343255.44	0.10276	670361.89	4343255.44	0.11950
670583.20	4343255.44	0.14039	670804.51	4343255.44	0.17376
671025.82	4343255.44	0.17897	671247.13	4343255.44	0.21095
671468.44	4343255.44	0.20580	671689.75	4343255.44	0.17205
671911.06	4343255.44	0.12943	672132.37	4343255.44	0.09359
672353.68	4343255.44	0.06914	672574.99	4343255.44	0.05184
668148.79	4343420.40	0.02191	668370.10	4343420.40	0.02440

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	0.02741	668812.72	4343420.40	0.03195
669034.03	4343420.40	0.03738	669255.34	4343420.40	0.04439
669476.65	4343420.40	0.05350	669697.96	4343420.40	0.06722
669919.27	4343420.40	0.08055	670140.58	4343420.40	0.09225
670361.89	4343420.40	0.10533	670583.20	4343420.40	0.12386
670804.51	4343420.40	0.15082	671025.82	4343420.40	0.16457
671247.13	4343420.40	0.18396	671468.44	4343420.40	0.16803
671689.75	4343420.40	0.14570	671911.06	4343420.40	0.11379
672132.37	4343420.40	0.08278	672353.68	4343420.40	0.06199
672574.99	4343420.40	0.04762	668148.79	4343585.36	0.02230
668370.10	4343585.36	0.02502	668591.41	4343585.36	0.02790
668812.72	4343585.36	0.03272	669034.03	4343585.36	0.03852
669255.34	4343585.36	0.04534	669476.65	4343585.36	0.05386
669697.96	4343585.36	0.06325	669919.27	4343585.36	0.07366
670140.58	4343585.36	0.08300	670361.89	4343585.36	0.09411
670583.20	4343585.36	0.11047	670804.51	4343585.36	0.13176
671025.82	4343585.36	0.15503	671247.13	4343585.36	0.15612

671468.44	4343585.36	0.14570	671689.75	4343585.36	0.13038
671911.06	4343585.36	0.10369	672132.37	4343585.36	0.07700
672353.68	4343585.36	0.05772	672574.99	4343585.36	0.04456
668148.79	4343750.32	0.02220	668370.10	4343750.32	0.02542
668591.41	4343750.32	0.02895	668812.72	4343750.32	0.03317
669034.03	4343750.32	0.03917	669255.34	4343750.32	0.04577
669476.65	4343750.32	0.05311	669697.96	4343750.32	0.06103
669919.27	4343750.32	0.06816	670140.58	4343750.32	0.07536
670361.89	4343750.32	0.08558	670583.20	4343750.32	0.09890
670804.51	4343750.32	0.11579	671025.82	4343750.32	0.13405
671247.13	4343750.32	0.14594	671468.44	4343750.32	0.13755
671689.75	4343750.32	0.12907	671911.06	4343750.32	0.10327
672132.37	4343750.32	0.07508	672353.68	4343750.32	0.05533
672574.99	4343750.32	0.04310	668148.79	4343915.28	0.02216
668370.10	4343915.28	0.02555	668591.41	4343915.28	0.02934
668812.72	4343915.28	0.03359	669034.03	4343915.28	0.03901
669255.34	4343915.28	0.04536	669476.65	4343915.28	0.05202
669697.96	4343915.28	0.05767	669919.27	4343915.28	0.06264
670140.58	4343915.28	0.06895	670361.89	4343915.28	0.07775
670583.20	4343915.28	0.08925	670804.51	4343915.28	0.10300
671025.82	4343915.28	0.11726	671247.13	4343915.28	0.12426
671468.44	4343915.28	0.11796	671689.75	4343915.28	0.10875
671911.06	4343915.28	0.09116	672132.37	4343915.28	0.07228

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.05683	672574.99	4343915.28	0.04435
668148.79	4344080.24	0.02249	668370.10	4344080.24	0.02557
668591.41	4344080.24	0.02927	668812.72	4344080.24	0.03356
669034.03	4344080.24	0.03868	669255.34	4344080.24	0.04442
669476.65	4344080.24	0.04957	669697.96	4344080.24	0.05374
669919.27	4344080.24	0.05775	670140.58	4344080.24	0.06377
670361.89	4344080.24	0.07105	670583.20	4344080.24	0.08073
670804.51	4344080.24	0.09217	671025.82	4344080.24	0.10174
671247.13	4344080.24	0.10836	671468.44	4344080.24	0.10489
671689.75	4344080.24	0.09201	671911.06	4344080.24	0.07670
672132.37	4344080.24	0.06197	672353.68	4344080.24	0.04908
672574.99	4344080.24	0.03968	671464.71	4342094.27	2.31121
671482.23	4342063.91	2.49611	671498.58	4342030.05	2.68988
671513.75	4341991.52	2.96779	671541.78	4341964.66	2.86361
671575.64	4341974.00	2.22932	671460.75	4342162.97	1.81271
671451.00	4342187.35	1.71647	671510.73	4342219.66	1.38641

671524.14	4342192.84	1.41726	671522.92	4342250.74	1.25591
671599.11	4342252.57	1.01148	671627.76	4342256.84	0.92164
671583.88	4342116.03	1.32653	671595.46	4342071.54	1.40345
671663.12	4342056.30	1.16973	671600.94	4342030.09	1.58625
671526.58	4342155.65	1.51554	671628.98	4342292.19	0.86340
671641.78	4341980.71	1.58449	671666.77	4342018.51	1.28079
671407.11	4342219.66	1.68231	671415.64	4342183.08	1.87568
671635.08	4341706.42	4.54819	671693.59	4341710.08	3.06621
671719.80	4341736.29	2.54133	671673.48	4341630.23	3.67756
671888.04	4341936.22	0.78435	671977.64	4341952.07	0.56439
672039.21	4341894.77	0.49066	671858.17	4341753.96	1.30790
671922.78	4341634.49	0.96302	671613.74	4341791.15	3.94739
671853.29	4341730.80	1.36378	671783.81	4341585.73	1.73363
671783.20	4341546.72	1.52096	671769.18	4341461.38	1.04481
671800.87	4341420.54	0.74672	671880.11	4341427.25	0.57842
672012.39	4341504.66	0.46487	672084.31	4341547.94	0.44954
671915.47	4341478.45	0.63914	671903.28	4341564.40	0.91780
671863.05	4341522.34	0.95975	671830.13	4341336.43	0.46061
671835.62	4341287.66	0.38661	671825.87	4341275.47	0.38685
672136.73	4341370.56	0.21792	671920.34	4341307.17	0.28660
671695.42	4341257.19	0.39993	671682.01	4341176.12	0.27060
671991.66	4341196.23	0.17984	672022.14	4341231.59	0.18621
671992.27	4341177.95	0.16265	671540.60	4341238.29	0.27635
671575.34	4341177.95	0.20499	671454.65	4341196.23	0.21515

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

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*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.15959	671413.20	4341126.74	0.15783
671471.11	4341064.57	0.12864	671601.55	4341050.55	0.16642
671198.64	4341253.53	0.22522	671278.49	4341212.08	0.18584
671230.34	4341132.84	0.12675	671073.08	4341271.82	0.29781
671122.45	4341373.61	0.51467	671118.79	4341397.38	0.58279
670978.40	4341324.15	0.37883	670932.85	4341394.21	0.41023
670935.19	4341367.36	0.40192	671108.01	4340976.17	0.09050
671286.67	4340978.51	0.08801	671675.37	4342488.78	0.51019
671091.40	4342277.23	0.88001	671051.75	4342332.07	0.69082
671051.75	4342369.20	0.66854	670953.04	4342360.76	0.52363
670695.71	4342235.89	0.34681	670545.53	4342318.58	0.24179
670711.74	4342488.16	0.28683	670648.30	4342501.73	0.23798
670648.30	4342630.87	0.18556	670806.29	4342728.41	0.24674
670688.15	4342739.41	0.17600	670804.92	4342427.55	0.41400
670439.48	4342471.51	0.19378	670358.43	4342578.67	0.16645

670546.64	4342662.47	0.18798	670537.03	4342595.15	0.18609
670483.45	4342776.50	0.16311	670508.17	4342754.52	0.16845
670517.79	4342868.54	0.16163	670545.27	4342850.69	0.16003
670582.36	4342878.16	0.16481	670304.85	4342688.57	0.14777
670039.70	4342661.10	0.10327	670156.48	4342673.46	0.12179
670236.16	4342648.73	0.13669	670071.30	4342738.03	0.10820
669990.24	4342753.14	0.09757	669928.42	4342742.15	0.09028
669815.77	4342673.46	0.07911	669742.96	4342655.60	0.07333
669791.04	4342744.90	0.07736	669696.25	4342731.16	0.07009
669536.88	4342552.57	0.05554	671174.86	4342280.21	1.14592
671068.38	4342169.93	1.11614	670965.71	4342179.44	0.79158
670815.50	4342198.45	0.48533	670737.55	4342097.68	0.38598
670762.27	4342069.16	0.41457	670817.40	4342040.64	0.49536
670895.36	4342025.43	0.66245	670979.02	4341915.15	0.96907
671115.92	4341863.81	2.52344	671199.58	4341770.65	7.15367
671222.39	4341377.07	0.62748	671714.84	4341392.28	0.82681
671366.89	4341998.81	5.27342	671226.19	4342236.48	1.47428
669098.44	4343411.59	0.03910	668908.63	4343364.56	0.03389
668851.52	4343359.52	0.03252	668831.37	4343371.27	0.03207
668733.94	4343302.41	0.03019	668686.91	4343199.95	0.02966
668671.79	4343089.09	0.02968	668806.17	4343001.74	0.03222
668918.71	4343025.26	0.03492	669024.53	4342942.95	0.03770
669288.24	4342916.08	0.04650	669333.59	4342922.80	0.04823
669365.51	4342978.23	0.04936	669336.95	4343151.23	0.04790
669303.36	4343304.09	0.04683	669222.73	4343235.22	0.04349

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	0.04021			

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** *** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4340781.04	0.00884	668370.10	4340781.04	0.00706
668591.41	4340781.04	0.00752	668812.72	4340781.04	0.00856
669034.03	4340781.04	0.00866	669255.34	4340781.04	0.00890
669476.65	4340781.04	0.00882	669697.96	4340781.04	0.00832
669919.27	4340781.04	0.00722	670140.58	4340781.04	0.00645
670361.89	4340781.04	0.00594	670583.20	4340781.04	0.00518
670804.51	4340781.04	0.00432	671025.82	4340781.04	0.00388
671247.13	4340781.04	0.00375	671468.44	4340781.04	0.00370
671689.75	4340781.04	0.00366	671911.06	4340781.04	0.00363
672132.37	4340781.04	0.00364	672353.68	4340781.04	0.00378
672574.99	4340781.04	0.00398	668148.79	4340946.00	0.01409
668370.10	4340946.00	0.01035	668591.41	4340946.00	0.01005
668812.72	4340946.00	0.01115	669034.03	4340946.00	0.00956
669255.34	4340946.00	0.01019	669476.65	4340946.00	0.01000
669697.96	4340946.00	0.00906	669919.27	4340946.00	0.00785
670140.58	4340946.00	0.00712	670361.89	4340946.00	0.00637
670583.20	4340946.00	0.00536	670804.51	4340946.00	0.00452
671025.82	4340946.00	0.00423	671247.13	4340946.00	0.00411
671468.44	4340946.00	0.00404	671689.75	4340946.00	0.00402
671911.06	4340946.00	0.00406	672132.37	4340946.00	0.00410
672353.68	4340946.00	0.00430	672574.99	4340946.00	0.00446
668148.79	4341110.96	0.01725	668370.10	4341110.96	0.01537
668591.41	4341110.96	0.01124	668812.72	4341110.96	0.01210
669034.03	4341110.96	0.01120	669255.34	4341110.96	0.01236
669476.65	4341110.96	0.01130	669697.96	4341110.96	0.01008
669919.27	4341110.96	0.00892	670140.58	4341110.96	0.00776
670361.89	4341110.96	0.00670	670583.20	4341110.96	0.00550
670804.51	4341110.96	0.00488	671025.82	4341110.96	0.00466
671247.13	4341110.96	0.00455	671468.44	4341110.96	0.00447
671689.75	4341110.96	0.00455	671911.06	4341110.96	0.00468
672132.37	4341110.96	0.00470	672353.68	4341110.96	0.00474
672574.99	4341110.96	0.00477	668148.79	4341275.92	0.01998
668370.10	4341275.92	0.01643	668591.41	4341275.92	0.01167
668812.72	4341275.92	0.01185	669034.03	4341275.92	0.01139
669255.34	4341275.92	0.01313	669476.65	4341275.92	0.01295
669697.96	4341275.92	0.01158	669919.27	4341275.92	0.00978
670140.58	4341275.92	0.00839	670361.89	4341275.92	0.00700
670583.20	4341275.92	0.00584	670804.51	4341275.92	0.00542
671025.82	4341275.92	0.00520	671247.13	4341275.92	0.00511
671468.44	4341275.92	0.00516	671689.75	4341275.92	0.00534
*** AERMOD - VERSION 19191 ***			*** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc		
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*** AERMET - VERSION 14134 ***			*** 17:19:20		
PAGE 926					
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL					
*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:					
SRCGP15 ***					
INCLUDING SOURCE(S): PAREA3 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF VARIOUS IN MICROGRAMS/M**3					
**					

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	0.00548	672132.37	4341275.92	0.00529
672353.68	4341275.92	0.00503	672574.99	4341275.92	0.00503
668148.79	4341440.88	0.02736	668370.10	4341440.88	0.01829
668591.41	4341440.88	0.01280	668812.72	4341440.88	0.01264
669034.03	4341440.88	0.01349	669255.34	4341440.88	0.01581
669476.65	4341440.88	0.01500	669697.96	4341440.88	0.01312
669919.27	4341440.88	0.01088	670140.58	4341440.88	0.00910
670361.89	4341440.88	0.00742	670583.20	4341440.88	0.00648
670804.51	4341440.88	0.00614	671025.82	4341440.88	0.00593
671689.75	4341440.88	0.00638	671911.06	4341440.88	0.00619
672132.37	4341440.88	0.00573	672353.68	4341440.88	0.00550
672574.99	4341440.88	0.00554	668148.79	4341605.84	0.02785
668370.10	4341605.84	0.01721	668591.41	4341605.84	0.01364
668812.72	4341605.84	0.01510	669034.03	4341605.84	0.01722
669255.34	4341605.84	0.01880	669476.65	4341605.84	0.01763
669697.96	4341605.84	0.01507	669919.27	4341605.84	0.01218
670140.58	4341605.84	0.00994	670361.89	4341605.84	0.00815
670583.20	4341605.84	0.00743	670804.51	4341605.84	0.00713
671025.82	4341605.84	0.00703	671689.75	4341605.84	0.00729
671911.06	4341605.84	0.00682	672132.37	4341605.84	0.00638
672353.68	4341605.84	0.00617	672574.99	4341605.84	0.00612
668148.79	4341770.80	0.05359	668370.10	4341770.80	0.02288
668591.41	4341770.80	0.02045	668812.72	4341770.80	0.01960
669034.03	4341770.80	0.02125	669255.34	4341770.80	0.02211
669476.65	4341770.80	0.02082	669697.96	4341770.80	0.01720
669919.27	4341770.80	0.01373	670140.58	4341770.80	0.01095
670361.89	4341770.80	0.00936	670583.20	4341770.80	0.00879
670804.51	4341770.80	0.00870	671025.82	4341770.80	0.00882
671689.75	4341770.80	0.00796	671911.06	4341770.80	0.00757
672132.37	4341770.80	0.00710	672353.68	4341770.80	0.00678
672574.99	4341770.80	0.00664	668148.79	4341935.76	0.09133
668370.10	4341935.76	0.05753	668591.41	4341935.76	0.02846
668812.72	4341935.76	0.02293	669034.03	4341935.76	0.02543
669255.34	4341935.76	0.02708	669476.65	4341935.76	0.02507
669697.96	4341935.76	0.01991	669919.27	4341935.76	0.01550
670140.58	4341935.76	0.01253	670361.89	4341935.76	0.01132
670583.20	4341935.76	0.01099	670804.51	4341935.76	0.01134
671468.44	4341935.76	0.00951	671689.75	4341935.76	0.00894
671911.06	4341935.76	0.00848	672132.37	4341935.76	0.00786
672353.68	4341935.76	0.00729	672574.99	4341935.76	0.00700
*** AERMOD - VERSION 19191 ***			*** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***		
02/24/20					
*** AERMET - VERSION 14134 ***			*** 17:19:20		
PAGE 927					
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL					
*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:					
SRCGP15 ***					
INCLUDING SOURCE(S): PAREA3 ,					
*** DISCRETE CARTESIAN RECEPTOR POINTS ***					
** CONC OF VARIOUS IN MICROGRAMS/M**3			**		

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668148.79	4342100.72	0.12669	668370.10	4342100.72	0.06950
668591.41	4342100.72	0.03675	668812.72	4342100.72	0.03005
669034.03	4342100.72	0.03265	669255.34	4342100.72	0.03553
669476.65	4342100.72	0.03157	669697.96	4342100.72	0.02406
669919.27	4342100.72	0.01850	670140.58	4342100.72	0.01551
670361.89	4342100.72	0.01481	670583.20	4342100.72	0.01503
671468.44	4342100.72	0.01077	671689.75	4342100.72	0.01002
671911.06	4342100.72	0.00929	672132.37	4342100.72	0.00849
672353.68	4342100.72	0.00779	672574.99	4342100.72	0.00739
668148.79	4342265.68	0.17257	668370.10	4342265.68	0.10654
668591.41	4342265.68	0.09604	668812.72	4342265.68	0.05985
669034.03	4342265.68	0.05491	669255.34	4342265.68	0.05260
669476.65	4342265.68	0.04366	669697.96	4342265.68	0.03078
669919.27	4342265.68	0.02399	670140.58	4342265.68	0.02132
670361.89	4342265.68	0.02081	670583.20	4342265.68	0.01958
670804.51	4342265.68	0.01754	671025.82	4342265.68	0.01524
671247.13	4342265.68	0.01373	671468.44	4342265.68	0.01218
671689.75	4342265.68	0.01099	671911.06	4342265.68	0.00997
672132.37	4342265.68	0.00915	672353.68	4342265.68	0.00845
672574.99	4342265.68	0.00798	668148.79	4342430.64	0.21305
668370.10	4342430.64	0.23797	668591.41	4342430.64	0.22284
668812.72	4342430.64	0.18495	669034.03	4342430.64	0.13636
669255.34	4342430.64	0.09534	669476.65	4342430.64	0.06445
669697.96	4342430.64	0.04457	669919.27	4342430.64	0.03557
670140.58	4342430.64	0.03240	670361.89	4342430.64	0.02869
670583.20	4342430.64	0.02385	670804.51	4342430.64	0.02060
671025.82	4342430.64	0.01778	671247.13	4342430.64	0.01520
671468.44	4342430.64	0.01337	671689.75	4342430.64	0.01194
671911.06	4342430.64	0.01080	672132.37	4342430.64	0.00990
672353.68	4342430.64	0.00919	672574.99	4342430.64	0.00858
668148.79	4342595.60	0.26600	668370.10	4342595.60	0.33376
668591.41	4342595.60	0.36378	668812.72	4342595.60	0.34469
669034.03	4342595.60	0.25380	669255.34	4342595.60	0.15752
669476.65	4342595.60	0.10781	669697.96	4342595.60	0.06887
669919.27	4342595.60	0.05749	670140.58	4342595.60	0.04564
670361.89	4342595.60	0.03608	670583.20	4342595.60	0.02838
670804.51	4342595.60	0.02371	671025.82	4342595.60	0.02006
671247.13	4342595.60	0.01703	671468.44	4342595.60	0.01469
671689.75	4342595.60	0.01297	671911.06	4342595.60	0.01163
672132.37	4342595.60	0.01055	672353.68	4342595.60	0.00968

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672574.99	4342595.60	0.00893	668148.79	4342760.56	0.32126
668370.10	4342760.56	0.48075	668591.41	4342760.56	0.60966
668812.72	4342760.56	0.67162	669034.03	4342760.56	0.43692
669255.34	4342760.56	0.28167	669476.65	4342760.56	0.19752
669697.96	4342760.56	0.11289	669919.27	4342760.56	0.08275
670140.58	4342760.56	0.05772	670361.89	4342760.56	0.04338
670583.20	4342760.56	0.03323	670804.51	4342760.56	0.02674
671025.82	4342760.56	0.02199	671247.13	4342760.56	0.01838
671468.44	4342760.56	0.01572	671689.75	4342760.56	0.01368
671911.06	4342760.56	0.01205	672132.37	4342760.56	0.01080
672353.68	4342760.56	0.00984	672574.99	4342760.56	0.00900
668148.79	4342925.52	0.32452	668370.10	4342925.52	0.57475
668591.41	4342925.52	0.86003	668812.72	4342925.52	1.29226
669034.03	4342925.52	1.72280	669476.65	4342925.52	0.46235
669697.96	4342925.52	0.18426	669919.27	4342925.52	0.10598
670140.58	4342925.52	0.06905	670361.89	4342925.52	0.04891
670583.20	4342925.52	0.03698	670804.51	4342925.52	0.02865
671025.82	4342925.52	0.02271	671247.13	4342925.52	0.01884
671468.44	4342925.52	0.01585	671689.75	4342925.52	0.01367
671911.06	4342925.52	0.01196	672132.37	4342925.52	0.01062
672353.68	4342925.52	0.00968	672574.99	4342925.52	0.00891
668148.79	4343090.48	0.29253	668370.10	4343090.48	0.56792
668591.41	4343090.48	1.18209	669476.65	4343090.48	0.69767
669697.96	4343090.48	0.23376	669919.27	4343090.48	0.11812
670140.58	4343090.48	0.07146	670361.89	4343090.48	0.05051
670583.20	4343090.48	0.03774	670804.51	4343090.48	0.02810
671025.82	4343090.48	0.02178	671247.13	4343090.48	0.01803
671468.44	4343090.48	0.01513	671689.75	4343090.48	0.01301
671911.06	4343090.48	0.01139	672132.37	4343090.48	0.01014
672353.68	4343090.48	0.00910	672574.99	4343090.48	0.00839
668148.79	4343255.44	0.23639	668370.10	4343255.44	0.47422
668591.41	4343255.44	1.82384	669476.65	4343255.44	0.51565
669697.96	4343255.44	0.18609	669919.27	4343255.44	0.09716
670140.58	4343255.44	0.06191	670361.89	4343255.44	0.04468
670583.20	4343255.44	0.03413	670804.51	4343255.44	0.02562
671025.82	4343255.44	0.01943	671247.13	4343255.44	0.01613
671468.44	4343255.44	0.01367	671689.75	4343255.44	0.01173
671911.06	4343255.44	0.01028	672132.37	4343255.44	0.00916
672353.68	4343255.44	0.00826	672574.99	4343255.44	0.00748
668148.79	4343420.40	0.20500	668370.10	4343420.40	0.47018

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
668591.41	4343420.40	1.70870	668812.72	4343420.40	5.21609
669034.03	4343420.40	6.91293	669255.34	4343420.40	2.68300
669476.65	4343420.40	0.49365	669697.96	4343420.40	0.13615
669919.27	4343420.40	0.07584	670140.58	4343420.40	0.05227
670361.89	4343420.40	0.03688	670583.20	4343420.40	0.02793
670804.51	4343420.40	0.02110	671025.82	4343420.40	0.01687
671247.13	4343420.40	0.01419	671468.44	4343420.40	0.01205
671689.75	4343420.40	0.01050	671911.06	4343420.40	0.00925
672132.37	4343420.40	0.00827	672353.68	4343420.40	0.00746
672574.99	4343420.40	0.00678	668148.79	4343585.36	0.15928
668370.10	4343585.36	0.37391	668591.41	4343585.36	1.24557
668812.72	4343585.36	2.39073	669034.03	4343585.36	2.45980
669255.34	4343585.36	1.25114	669476.65	4343585.36	0.36635
669697.96	4343585.36	0.13890	669919.27	4343585.36	0.07317
670140.58	4343585.36	0.04627	670361.89	4343585.36	0.03192
670583.20	4343585.36	0.02323	670804.51	4343585.36	0.01773
671025.82	4343585.36	0.01438	671247.13	4343585.36	0.01193
671468.44	4343585.36	0.01052	671689.75	4343585.36	0.00942
671911.06	4343585.36	0.00846	672132.37	4343585.36	0.00769
672353.68	4343585.36	0.00701	672574.99	4343585.36	0.00644
668148.79	4343750.32	0.20218	668370.10	4343750.32	0.35047
668591.41	4343750.32	0.82193	668812.72	4343750.32	1.41954
669034.03	4343750.32	1.28501	669255.34	4343750.32	0.74353
669476.65	4343750.32	0.29834	669697.96	4343750.32	0.12276
669919.27	4343750.32	0.06583	670140.58	4343750.32	0.04242
670361.89	4343750.32	0.02880	670583.20	4343750.32	0.02158
670804.51	4343750.32	0.01646	671025.82	4343750.32	0.01282
671247.13	4343750.32	0.01015	671468.44	4343750.32	0.00899
671689.75	4343750.32	0.00815	671911.06	4343750.32	0.00740
672132.37	4343750.32	0.00683	672353.68	4343750.32	0.00634
672574.99	4343750.32	0.00596	668148.79	4343915.28	0.24459
668370.10	4343915.28	0.35855	668591.41	4343915.28	0.61637
668812.72	4343915.28	0.91071	669034.03	4343915.28	0.85300
669255.34	4343915.28	0.51778	669476.65	4343915.28	0.23847
669697.96	4343915.28	0.11183	669919.27	4343915.28	0.06059
670140.58	4343915.28	0.03878	670361.89	4343915.28	0.02779
670583.20	4343915.28	0.02051	670804.51	4343915.28	0.01554
671025.82	4343915.28	0.01154	671247.13	4343915.28	0.01000
671468.44	4343915.28	0.00775	671689.75	4343915.28	0.00678
671911.06	4343915.28	0.00613	672132.37	4343915.28	0.00575

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
672353.68	4343915.28	0.00545	672574.99	4343915.28	0.00519
668148.79	4344080.24	0.22724	668370.10	4344080.24	0.33907
668591.41	4344080.24	0.50242	668812.72	4344080.24	0.65171
669034.03	4344080.24	0.60559	669255.34	4344080.24	0.38965
669476.65	4344080.24	0.20684	669697.96	4344080.24	0.10205
669919.27	4344080.24	0.05552	670140.58	4344080.24	0.03444
670361.89	4344080.24	0.02641	670583.20	4344080.24	0.01986
670804.51	4344080.24	0.01472	671025.82	4344080.24	0.01080
671247.13	4344080.24	0.00941	671468.44	4344080.24	0.00777
671689.75	4344080.24	0.00594	671911.06	4344080.24	0.00518
672132.37	4344080.24	0.00479	672353.68	4344080.24	0.00455
672574.99	4344080.24	0.00435	671464.71	4342094.27	0.01074
671482.23	4342063.91	0.01043	671498.58	4342030.05	0.01009
671513.75	4341991.52	0.00975	671541.78	4341964.66	0.00947
671575.64	4341974.00	0.00942	671460.75	4342162.97	0.01133
671451.00	4342187.35	0.01159	671510.73	4342219.66	0.01157
671524.14	4342192.84	0.01129	671522.92	4342250.74	0.01174
671599.11	4342252.57	0.01136	671627.76	4342256.84	0.01124
671583.88	4342116.03	0.01042	671595.46	4342071.54	0.01005
671663.12	4342056.30	0.00979	671600.94	4342030.09	0.00975
671526.58	4342155.65	0.01097	671628.98	4342292.19	0.01145
671641.78	4341980.71	0.00932	671666.77	4342018.51	0.00952
671407.11	4342219.66	0.01213	671415.64	4342183.08	0.01175
671635.08	4341706.42	0.00778	671693.59	4341710.08	0.00770
671719.80	4341736.29	0.00778	671673.48	4341630.23	0.00740
671888.04	4341936.22	0.00854	671977.64	4341952.07	0.00839
672039.21	4341894.77	0.00792	671858.17	4341753.96	0.00762
671922.78	4341634.49	0.00690	671613.74	4341791.15	0.00822
671853.29	4341730.80	0.00751	671783.81	4341585.73	0.00703
671783.20	4341546.72	0.00686	671769.18	4341461.38	0.00647
671800.87	4341420.54	0.00624	671880.11	4341427.25	0.00618
672012.39	4341504.66	0.00614	672084.31	4341547.94	0.00620
671915.47	4341478.45	0.00632	671903.28	4341564.40	0.00667
671863.05	4341522.34	0.00660	671830.13	4341336.43	0.00580
671835.62	4341287.66	0.00555	671825.87	4341275.47	0.00548
672136.73	4341370.56	0.00551	671920.34	4341307.17	0.00561
671695.42	4341257.19	0.00524	671682.01	4341176.12	0.00481
671991.66	4341196.23	0.00513	672022.14	4341231.59	0.00527
671992.27	4341177.95	0.00503	671540.60	4341238.29	0.00497
671575.34	4341177.95	0.00472	671454.65	4341196.23	0.00478

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
671523.53	4341116.38	0.00449	671413.20	4341126.74	0.00454
671471.11	4341064.57	0.00434	671601.55	4341050.55	0.00431
671198.64	4341253.53	0.00503	671278.49	4341212.08	0.00486
671230.34	4341132.84	0.00461	671073.08	4341271.82	0.00516
671122.45	4341373.61	0.00556	671118.79	4341397.38	0.00568
670978.40	4341324.15	0.00543	670932.85	4341394.21	0.00577
670935.19	4341367.36	0.00565	671108.01	4340976.17	0.00425
671286.67	4340978.51	0.00417	671675.37	4342488.78	0.01239
671091.40	4342277.23	0.01495	671051.75	4342332.07	0.01597
671051.75	4342369.20	0.01653	670953.04	4342360.76	0.01735
670695.71	4342235.89	0.01763	670545.53	4342318.58	0.02141
670711.74	4342488.16	0.02302	670648.30	4342501.73	0.02440
670648.30	4342630.87	0.02753	670806.29	4342728.41	0.02615
670688.15	4342739.41	0.02914	670804.92	4342427.55	0.02054
670439.48	4342471.51	0.02850	670358.43	4342578.67	0.03545
670546.64	4342662.47	0.03167	670537.03	4342595.15	0.02967
670483.45	4342776.50	0.03779	670508.17	4342754.52	0.03603
670517.79	4342868.54	0.03872	670545.27	4342850.69	0.03699
670582.36	4342878.16	0.03598	670304.85	4342688.57	0.04286
670039.70	4342661.10	0.05804	670156.48	4342673.46	0.05074
670236.16	4342648.73	0.04432	670071.30	4342738.03	0.06272
669990.24	4342753.14	0.07291	669928.42	4342742.15	0.07888
669815.77	4342673.46	0.07594	669742.96	4342655.60	0.07664
669791.04	4342744.90	0.09518	669696.25	4342731.16	0.10243
669536.88	4342552.57	0.08456	671174.86	4342280.21	0.01442
671068.38	4342169.93	0.01378	670965.71	4342179.44	0.01459
670815.50	4342198.45	0.01619	670737.55	4342097.68	0.01468
670762.27	4342069.16	0.01402	670817.40	4342040.64	0.01332
670895.36	4342025.43	0.01283	670979.02	4341915.15	0.01099
671115.92	4341863.81	0.01013	671199.58	4341770.65	0.00904
671222.39	4341377.07	0.00558	671714.84	4341392.28	0.00608
671366.89	4341998.81	0.01047	671226.19	4342236.48	0.01357
669098.44	4343411.59	6.66719	668908.63	4343364.56	10.37004
668851.52	4343359.52	9.66211	668831.37	4343371.27	8.02328
668733.94	4343302.41	11.02958	668686.91	4343199.95	7.47454
668671.79	4343089.09	2.72940	668806.17	4343001.74	2.75310
668918.71	4343025.26	3.17925	669024.53	4342942.95	2.26940
669288.24	4342916.08	1.31368	669333.59	4342922.80	1.11017
669365.51	4342978.23	1.70572	669336.95	4343151.23	4.34700
669303.36	4343304.09	4.19453	669222.73	4343235.22	14.05551

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE PERIOD (43872 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	14.69041			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	10.82592	(10121507)	668370.10	4340781.04	12.09877 (11121118)
668591.41	4340781.04	13.34284	(13011407)	668812.72	4340781.04	14.57802 (10121505)
669034.03	4340781.04	15.73153	(10121505)	669255.34	4340781.04	16.24397 (12122705)
669476.65	4340781.04	18.11447	(10123022)	669697.96	4340781.04	20.44912 (10123021)
669919.27	4340781.04	40.57695	(09021007)	670140.58	4340781.04	55.69190 (10121518)
670361.89	4340781.04	57.93534	(09010818)	670583.20	4340781.04	42.71354 (10081222)
670804.51	4340781.04	43.13170	(13121008)	671025.82	4340781.04	34.72194 (13121118)
671247.13	4340781.04	28.13407	(10021524)	671468.44	4340781.04	30.90270 (13041906)
671689.75	4340781.04	36.28686	(11120721)	671911.06	4340781.04	33.49758 (09011623)
672132.37	4340781.04	17.88290	(11111217)	672353.68	4340781.04	35.06108 (12050420)
672574.99	4340781.04	40.25965	(11092622)	668148.79	4340946.00	10.63694 (12021205)
668370.10	4340946.00	12.07840	(09121724)	668591.41	4340946.00	13.51563 (10121507)
668812.72	4340946.00	14.84744	(11121118)	669034.03	4340946.00	17.05701 (13011407)
669255.34	4340946.00	18.93353	(10121505)	669476.65	4340946.00	19.08698 (12122705)
669697.96	4340946.00	22.28304	(10123022)	669919.27	4340946.00	55.21919 (09120721)
670140.58	4340946.00	58.39798	(09021007)	670361.89	4340946.00	68.42688 (12122707)
670583.20	4340946.00	66.20499	(09040420)	670804.51	4340946.00	47.40040 (13012205)
671025.82	4340946.00	36.30382	(13121118)	671247.13	4340946.00	26.61371 (12062623)
671468.44	4340946.00	26.94293	(13062723)	671689.75	4340946.00	45.21465 (10012623)
671911.06	4340946.00	51.09690	(13011419)	672132.37	4340946.00	19.00686 (13072420)
672353.68	4340946.00	27.96192	(11092622)	672574.99	4340946.00	43.63052 (09042621)
668148.79	4341110.96	10.90890	(13010219)	668370.10	4341110.96	12.01849 (10123020)
668591.41	4341110.96	13.85322	(12021205)	668812.72	4341110.96	15.45380 (09121724)
669034.03	4341110.96	17.58249	(09120107)	669255.34	4341110.96	19.68828 (13011407)
669476.65	4341110.96	22.94457	(10121505)	669697.96	4341110.96	23.92401 (10122707)
669919.27	4341110.96	27.91830	(10123022)	670140.58	4341110.96	68.93695 (13121005)
670361.89	4341110.96	71.55332	(10123023)	670583.20	4341110.96	53.88615 (13012808)
670804.51	4341110.96	39.38040	(13011423)	671025.82	4341110.96	31.10656 (13080222)
671247.13	4341110.96	32.59495	(09102121)	671468.44	4341110.96	29.17884 (13080221)
671689.75	4341110.96	68.73157	(11123117)	671911.06	4341110.96	56.68390 (12051820)
672132.37	4341110.96	20.10148	(13120120)	672353.68	4341110.96	19.90203 (09042621)
672574.99	4341110.96	42.18387	(10091119)	668148.79	4341275.92	11.35118 (09010222)
668370.10	4341275.92	12.56505	(13020523)	668591.41	4341275.92	14.30122 (13010219)

668812.72	4341275.92	16.44084 (10123020)	669034.03	4341275.92	18.82433 (12021205)
669255.34	4341275.92	21.42638 (10121507)	669476.65	4341275.92	24.40123 (11121118)
669697.96	4341275.92	28.81192 (10121505)	669919.27	4341275.92	61.03429 (10122707)
670140.58	4341275.92	64.58728 (13021721)	670361.89	4341275.92	58.78925 (13053024)
670583.20	4341275.92	44.02389 (09013124)	670804.51	4341275.92	41.26931 (12081705)
671025.82	4341275.92	32.22979 (09071621)	671247.13	4341275.92	44.10128 (09090305)
671468.44	4341275.92	78.91291 (11120721)	671689.75	4341275.92	94.90885 (13011419)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

671911.06	4341275.92	76.19312 (10031019)	672132.37	4341275.92	22.45984 (09042621)
672353.68	4341275.92	14.31267 (10091119)	672574.99	4341275.92	48.47145 (09111517)
668148.79	4341440.88	11.47129 (11123024)	668370.10	4341440.88	12.92619 (10022221)
668591.41	4341440.88	14.73052 (09010222)	668812.72	4341440.88	17.03489 (13020523)
669034.03	4341440.88	19.42862 (12020323)	669255.34	4341440.88	22.12820 (10123020)
669476.65	4341440.88	25.79107 (12021205)	669697.96	4341440.88	30.90128 (10121507)
669919.27	4341440.88	75.43913 (13011407)	670140.58	4341440.88	59.75804 (13013119)
670361.89	4341440.88	55.72537 (09120217)	670583.20	4341440.88	48.92164 (13020608)
670804.51	4341440.88	59.93181 (09072721)	671025.82	4341440.88	48.08225 (10102519)
671689.75	4341440.88	58.37393 (12123124)	671911.06	4341440.88	85.11322 (11051920)
672132.37	4341440.88	26.66298 (12090723)	672353.68	4341440.88	29.41493 (09111517)
672574.99	4341440.88	24.52804 (12041421)	668148.79	4341605.84	12.07659 (13020123)
668370.10	4341605.84	13.54851 (13022805)	668591.41	4341605.84	15.20016 (10010308)
668812.72	4341605.84	17.29658 (11123024)	669034.03	4341605.84	19.68803 (13012122)
669255.34	4341605.84	22.95282 (09010222)	669476.65	4341605.84	27.11047 (13020523)
669697.96	4341605.84	32.68156 (11010323)	669919.27	4341605.84	75.03432 (11013122)
670140.58	4341605.84	70.80192 (10121124)	670361.89	4341605.84	55.30619 (12010419)
670583.20	4341605.84	57.19199 (13122607)	670804.51	4341605.84	96.03759 (09013124)
671025.82	4341605.84	89.70951 (10021523)	671689.75	4341605.84	68.19295 (11051920)
671911.06	4341605.84	98.59975 (12090723)	672132.37	4341605.84	53.14988 (12041421)
672353.68	4341605.84	40.61090 (12070821)	672574.99	4341605.84	26.34114 (11120722)
668148.79	4341770.80	11.87834 (13121023)	668370.10	4341770.80	13.81246 (10013105)
668591.41	4341770.80	15.16568 (10013105)	668812.72	4341770.80	17.30716 (11120619)
669034.03	4341770.80	20.10576 (13020123)	669255.34	4341770.80	23.68722 (13022805)
669476.65	4341770.80	27.98019 (10010308)	669697.96	4341770.80	69.95084 (13012122)
669919.27	4341770.80	69.44086 (13122621)	670140.58	4341770.80	63.40793 (12013108)
670361.89	4341770.80	54.86385 (09082123)	670583.20	4341770.80	85.30296 (12042224)
670804.51	4341770.80	243.85930 (13122318)	671025.82	4341770.80	375.06209 (13012205)
671689.75	4341770.80	144.03172 (09111517)	671911.06	4341770.80	104.45005 (12070821)
672132.37	4341770.80	32.09011 (10091419)	672353.68	4341770.80	22.55069 (12081720)
672574.99	4341770.80	26.30341 (09090320)	668148.79	4341935.76	11.39114 (12020606)

668370.10	4341935.76	13.10173 (12020606)	668591.41	4341935.76	15.20407 (12020606)
668812.72	4341935.76	17.57775 (12020606)	669034.03	4341935.76	20.49018 (12013107)
669255.34	4341935.76	24.07330 (12013107)	669476.65	4341935.76	59.71689 (12013107)
669697.96	4341935.76	55.58513 (10022420)	669919.27	4341935.76	44.08360 (13031507)
670140.58	4341935.76	49.65761 (10070821)	670361.89	4341935.76	60.97370 (10082505)
670583.20	4341935.76	159.29158 (10021319)	670804.51	4341935.76	230.09467 (11121118)
671468.44	4341935.76	140.34861 (12041421)	671689.75	4341935.76	104.74374 (12081720)
671911.06	4341935.76	98.26077 (09090320)	672132.37	4341935.76	32.47613 (13122317)
672353.68	4341935.76	18.44099 (11092618)	672574.99	4341935.76	55.29819 (09102405)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4342100.72	11.58111	(13122120)	668370.10	4342100.72	13.51179 (13122120)
668591.41	4342100.72	15.61952	(13122120)	668812.72	4342100.72	17.74848 (13122120)
669034.03	4342100.72	20.65149	(13122120)	669255.34	4342100.72	24.19289 (13122120)
669476.65	4342100.72	57.94668	(13122120)	669697.96	4342100.72	68.81924 (13122120)
669919.27	4342100.72	72.86626	(11123022)	670140.58	4342100.72	61.62391 (11123022)
670361.89	4342100.72	149.39563	(13122120)	670583.20	4342100.72	123.22108 (13020522)
671468.44	4342100.72	75.02746	(12092518)	671689.75	4342100.72	69.38153 (10080120)
671911.06	4342100.72	85.65936	(10080120)	672132.37	4342100.72	44.94734 (10080120)
672353.68	4342100.72	24.02493	(10080120)	672574.99	4342100.72	57.06475 (10080120)
668148.79	4342265.68	11.72591	(12011605)	668370.10	4342265.68	13.62236 (12011605)
668591.41	4342265.68	14.75280	(12011605)	668812.72	4342265.68	16.88982 (12011605)
669034.03	4342265.68	19.45455	(10013107)	669255.34	4342265.68	23.43317 (10013107)
669476.65	4342265.68	28.13501	(11022224)	669697.96	4342265.68	34.94843 (11022224)
669919.27	4342265.68	43.94675	(12121507)	670140.58	4342265.68	75.25380 (13020222)
670361.89	4342265.68	78.07041	(13121207)	670583.20	4342265.68	116.41441 (10012405)
670804.51	4342265.68	222.77853	(13121220)	671025.82	4342265.68	317.77585 (10021822)
671247.13	4342265.68	373.02799	(11092521)	671468.44	4342265.68	85.77580 (09060505)
671689.75	4342265.68	77.46490	(13052320)	671911.06	4342265.68	67.79525 (10080721)
672132.37	4342265.68	67.20569	(11072320)	672353.68	4342265.68	46.74833 (13042019)
672574.99	4342265.68	26.15140	(13020407)	668148.79	4342430.64	10.83917 (11022224)
668370.10	4342430.64	12.78111	(11022224)	668591.41	4342430.64	13.52225 (11022224)
668812.72	4342430.64	15.15029	(12121507)	669034.03	4342430.64	17.30241 (12121507)
669255.34	4342430.64	20.24097	(13020222)	669476.65	4342430.64	25.75632 (12121918)
669697.96	4342430.64	31.01480	(09010221)	669919.27	4342430.64	39.70951 (13120721)
670140.58	4342430.64	49.79959	(10012405)	670361.89	4342430.64	67.88122 (10121606)
670583.20	4342430.64	154.20381	(09122606)	670804.51	4342430.64	237.81526 (09021924)
671025.82	4342430.64	366.70601	(11010908)	671247.13	4342430.64	80.98423 (13090121)
671468.44	4342430.64	65.77225	(13031619)	671689.75	4342430.64	53.64365 (11121722)
671911.06	4342430.64	39.81078	(10082519)	672132.37	4342430.64	65.47682 (12011618)

672353.68	4342430.64	49.32238	(11011824)	672574.99	4342430.64	27.07309	(11011824)
668148.79	4342595.60	10.88397	(12121507)	668370.10	4342595.60	11.83105	(09121623)
668591.41	4342595.60	13.19525	(12121918)	668812.72	4342595.60	14.92703	(12121918)
669034.03	4342595.60	17.00921	(09010221)	669255.34	4342595.60	19.98649	(13120721)
669476.65	4342595.60	22.94258	(13120721)	669697.96	4342595.60	29.68306	(10012405)
669919.27	4342595.60	34.91364	(13020221)	670140.58	4342595.60	47.57632	(12122805)
670361.89	4342595.60	62.41292	(09120807)	670583.20	4342595.60	87.15505	(12012908)
670804.51	4342595.60	140.74468	(09010721)	671025.82	4342595.60	234.52870	(12010922)
671247.13	4342595.60	115.20453	(11121121)	671468.44	4342595.60	39.22342	(13082319)
671689.75	4342595.60	24.75702	(10042105)	671911.06	4342595.60	24.23514	(12100619)
672132.37	4342595.60	42.67693	(09060505)	672353.68	4342595.60	49.05655	(12011618)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672574.99	4342595.60	24.73480	(12011618)	668148.79	4342760.56	11.08304 (13121207)
668370.10	4342760.56	12.37925	(09010221)	668591.41	4342760.56	13.29134 (13022505)
668812.72	4342760.56	15.11994	(13120721)	669034.03	4342760.56	17.58264 (12011005)
669255.34	4342760.56	20.40260	(10012405)	669476.65	4342760.56	22.76610 (12010521)
669697.96	4342760.56	30.31489	(13120522)	669919.27	4342760.56	36.12637 (13121220)
670140.58	4342760.56	80.41935	(09120807)	670361.89	4342760.56	105.16595 (11021306)
670583.20	4342760.56	65.82644	(09020308)	670804.51	4342760.56	87.34803 (11091105)
671025.82	4342760.56	93.55440	(13081505)	671247.13	4342760.56	41.35108 (13100819)
671468.44	4342760.56	32.76393	(09112608)	671689.75	4342760.56	28.21886 (12063021)
671911.06	4342760.56	16.81144	(13012706)	672132.37	4342760.56	27.71452 (12100619)
672353.68	4342760.56	63.95779	(12013023)	672574.99	4342760.56	44.08749 (09060505)
668148.79	4342925.52	10.99316	(13120721)	668370.10	4342925.52	12.04924 (13120721)
668591.41	4342925.52	13.61541	(10012405)	668812.72	4342925.52	14.88961 (10021907)
669034.03	4342925.52	16.84916	(12123123)	669476.65	4342925.52	22.42465 (13120522)
669697.96	4342925.52	28.12562	(13121220)	669919.27	4342925.52	56.81008 (09120807)
670140.58	4342925.52	78.46123	(13120520)	670361.89	4342925.52	81.73951 (09021924)
670583.20	4342925.52	103.23743	(09122607)	670804.51	4342925.52	114.85198 (10021819)
671025.82	4342925.52	31.73734	(11012908)	671247.13	4342925.52	33.08322 (13100819)
671468.44	4342925.52	21.93597	(13093018)	671689.75	4342925.52	20.18027 (13082319)
671911.06	4342925.52	16.82079	(11030418)	672132.37	4342925.52	12.70650 (13012706)
672353.68	4342925.52	30.75217	(13042320)	672574.99	4342925.52	51.96638 (11121722)
668148.79	4343090.48	10.17151	(10012405)	668370.10	4343090.48	11.22473 (10021907)
668591.41	4343090.48	13.21001	(12123123)	669476.65	4343090.48	20.10324 (09122606)
669697.96	4343090.48	24.36863	(09120807)	669919.27	4343090.48	29.36931 (12021920)
670140.58	4343090.48	57.81185	(13120521)	670361.89	4343090.48	39.99886 (09122608)
670583.20	4343090.48	44.94733	(09120805)	670804.51	4343090.48	93.35514 (11010908)
671025.82	4343090.48	22.97287	(09101024)	671247.13	4343090.48	24.94902 (12101007)

671468.44	4343090.48	20.46848	(13090121)	671689.75	4343090.48	15.74523	(09112608)
671911.06	4343090.48	14.07862	(12063021)	672132.37	4343090.48	11.69672	(11081119)
672353.68	4343090.48	9.81366	(13012706)	672574.99	4343090.48	17.41118	(13042320)
668148.79	4343255.44	9.99874	(12123123)	668370.10	4343255.44	10.92503	(13020221)
668591.41	4343255.44	12.33666	(10121605)	669476.65	4343255.44	19.88060	(09120807)
669697.96	4343255.44	22.62560	(12021920)	669919.27	4343255.44	26.52329	(13120521)
670140.58	4343255.44	30.40961	(13021807)	670361.89	4343255.44	33.61661	(11121724)
670583.20	4343255.44	35.29509	(09111523)	670804.51	4343255.44	42.08595	(11010908)
671025.82	4343255.44	20.53577	(09101024)	671247.13	4343255.44	19.80446	(12101007)
671468.44	4343255.44	19.54314	(12021724)	671689.75	4343255.44	13.18903	(09112608)
671911.06	4343255.44	11.06848	(12063022)	672132.37	4343255.44	11.24073	(12063021)
672353.68	4343255.44	9.29603	(11081119)	672574.99	4343255.44	7.80007	(13012706)
668148.79	4343420.40	10.20043	(10121606)	668370.10	4343420.40	10.97183	(13120522)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668591.41	4343420.40	11.70971	(12122805)	668812.72	4343420.40	12.93436	(13121220)
669034.03	4343420.40	13.80393	(09122606)	669255.34	4343420.40	15.35557	(09120807)
669476.65	4343420.40	17.14646	(10020205)	669697.96	4343420.40	21.13363	(13020224)
669919.27	4343420.40	23.63073	(09021924)	670140.58	4343420.40	25.14841	(13021624)
670361.89	4343420.40	28.17144	(09120805)	670583.20	4343420.40	30.08049	(10021819)
670804.51	4343420.40	35.31246	(09022106)	671025.82	4343420.40	56.05299	(09020506)
671247.13	4343420.40	28.45478	(10041523)	671468.44	4343420.40	15.32262	(12021724)
671689.75	4343420.40	11.37650	(13093018)	671911.06	4343420.40	8.54904	(10100218)
672132.37	4343420.40	8.47503	(10030721)	672353.68	4343420.40	7.67705	(12041819)
672574.99	4343420.40	7.03848	(10042105)	668148.79	4343585.36	10.40663	(13120522)
668370.10	4343585.36	11.20089	(12122805)	668591.41	4343585.36	11.26491	(13121220)
668812.72	4343585.36	12.50448	(12012907)	669034.03	4343585.36	13.99941	(09120807)
669255.34	4343585.36	15.30190	(10020205)	669476.65	4343585.36	16.75762	(11021306)
669697.96	4343585.36	17.87509	(09120924)	669919.27	4343585.36	19.90797	(09011922)
670140.58	4343585.36	22.14717	(11121724)	670361.89	4343585.36	24.42168	(10021822)
670583.20	4343585.36	26.89535	(10021819)	670804.51	4343585.36	29.58361	(09022106)
671025.82	4343585.36	31.30032	(09020506)	671247.13	4343585.36	28.99203	(10041523)
671468.44	4343585.36	17.89710	(13122623)	671689.75	4343585.36	13.82409	(11071821)
671911.06	4343585.36	11.14115	(09112608)	672132.37	4343585.36	8.39814	(12063022)
672353.68	4343585.36	8.07367	(12063021)	672574.99	4343585.36	6.82820	(11030418)
668148.79	4343750.32	10.03460	(13121220)	668370.10	4343750.32	10.67171	(09122606)
668591.41	4343750.32	11.44247	(12012907)	668812.72	4343750.32	12.27950	(09120807)
669034.03	4343750.32	13.95957	(10020205)	669255.34	4343750.32	15.17206	(13120520)
669476.65	4343750.32	16.02047	(13120521)	669697.96	4343750.32	17.05047	(13021807)
669919.27	4343750.32	18.44073	(13021624)	670140.58	4343750.32	20.18367	(10121220)

670361.89	4343750.32	22.02030	(09111523)	670583.20	4343750.32	23.37766	(11010908)
670804.51	4343750.32	24.98302	(12010922)	671025.82	4343750.32	26.31033	(13010421)
671247.13	4343750.32	37.96110	(13021621)	671468.44	4343750.32	41.85778	(13122623)
671689.75	4343750.32	43.07986	(13111705)	671911.06	4343750.32	26.60430	(12022623)
672132.37	4343750.32	12.21653	(10102018)	672353.68	4343750.32	6.89367	(10030721)
672574.99	4343750.32	7.24936	(12063021)	668148.79	4343915.28	9.24232	(09122606)
668370.10	4343915.28	10.26236	(10011008)	668591.41	4343915.28	11.28768	(09120807)
668812.72	4343915.28	12.11354	(10020205)	669034.03	4343915.28	13.41264	(13120520)
669255.34	4343915.28	14.56482	(13120521)	669476.65	4343915.28	15.45088	(09021924)
669697.96	4343915.28	16.08426	(13021619)	669919.27	4343915.28	17.16123	(11121724)
670140.58	4343915.28	18.87899	(09120805)	670361.89	4343915.28	19.75974	(12111121)
670583.20	4343915.28	21.69878	(11010908)	670804.51	4343915.28	22.63218	(12010922)
671025.82	4343915.28	23.66936	(13010421)	671247.13	4343915.28	20.08490	(13021621)
671468.44	4343915.28	37.45381	(13100819)	671689.75	4343915.28	37.39517	(09080521)
671911.06	4343915.28	22.04590	(13082220)	672132.37	4343915.28	19.98964	(13121422)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

672353.68	4343915.28	15.28463	(11092319)	672574.99	4343915.28	9.29170	(12063021)
668148.79	4344080.24	9.04554	(10011008)	668370.10	4344080.24	9.82102	(09120807)
668591.41	4344080.24	10.72997	(10020205)	668812.72	4344080.24	11.76417	(13120520)
669034.03	4344080.24	12.63388	(13020224)	669255.34	4344080.24	13.73643	(09120924)
669476.65	4344080.24	14.37233	(13021807)	669697.96	4344080.24	15.14541	(13021624)
669919.27	4344080.24	16.21693	(10121220)	670140.58	4344080.24	17.95167	(10021822)
670361.89	4344080.24	18.24899	(10021819)	670583.20	4344080.24	19.51527	(11010908)
670804.51	4344080.24	20.60501	(12010922)	671025.82	4344080.24	42.29147	(13010421)
671247.13	4344080.24	18.10810	(13021621)	671468.44	4344080.24	17.47313	(12021921)
671689.75	4344080.24	22.43868	(11121121)	671911.06	4344080.24	10.23006	(11071821)
672132.37	4344080.24	8.25427	(09112608)	672353.68	4344080.24	7.32107	(10100218)
672574.99	4344080.24	6.30468	(13082319)	671464.71	4342094.27	74.47237	(11081719)
671482.23	4342063.91	85.35643	(10093018)	671498.58	4342030.05	86.79406	(13122317)
671513.75	4341991.52	94.04557	(12081720)	671541.78	4341964.66	93.85191	(10091419)
671575.64	4341974.00	80.76928	(12081720)	671460.75	4342162.97	82.25676	(11082019)
671451.00	4342187.35	78.02373	(09042919)	671510.73	4342219.66	71.35329	(10040819)
671524.14	4342192.84	67.69016	(11082019)	671522.92	4342250.74	74.63238	(10082519)
671599.11	4342252.57	68.33426	(13101918)	671627.76	4342256.84	68.35499	(13111420)
671583.88	4342116.03	53.86142	(12092518)	671595.46	4342071.54	56.69653	(10093018)
671663.12	4342056.30	62.56787	(12052221)	671600.94	4342030.09	57.60367	(11092618)
671526.58	4342155.65	67.88483	(11082219)	671628.98	4342292.19	66.24374	(10082519)
671641.78	4341980.71	77.62144	(09090320)	671666.77	4342018.51	71.92377	(13122317)
671407.11	4342219.66	86.06784	(10082519)	671415.64	4342183.08	89.20632	(10040819)

671635.08	4341706.42	152.22243	(09042621)	671693.59	4341710.08	134.63327	(12090723)
671719.80	4341736.29	130.50670	(12090723)	671673.48	4341630.23	94.64597	(11051920)
671888.04	4341936.22	108.27978	(09090320)	671977.64	4341952.07	74.57143	(09092920)
672039.21	4341894.77	51.01354	(09090320)	671858.17	4341753.96	109.23500	(12041421)
671922.78	4341634.49	98.10338	(09111517)	671613.74	4341791.15	148.04987	(12090723)
671853.29	4341730.80	107.45825	(12041421)	671783.81	4341585.73	58.36184	(09042621)
671783.20	4341546.72	73.46189	(11051920)	671769.18	4341461.38	72.10094	(13120120)
671800.87	4341420.54	83.39970	(13120120)	671880.11	4341427.25	90.59992	(11051920)
672012.39	4341504.66	38.09221	(12090723)	672084.31	4341547.94	44.04168	(09111517)
671915.47	4341478.45	87.29729	(09042621)	671903.28	4341564.40	92.04998	(12090723)
671863.05	4341522.34	97.17023	(09042621)	671830.13	4341336.43	83.01687	(12123124)
671835.62	4341287.66	84.23756	(12123124)	671825.87	4341275.47	83.81088	(11010418)
672136.73	4341370.56	21.15748	(13052920)	671920.34	4341307.17	71.89671	(13120120)
671695.42	4341257.19	90.86034	(13011419)	671682.01	4341176.12	67.55886	(13042120)
671991.66	4341196.23	62.36944	(10031019)	672022.14	4341231.59	54.40922	(13120120)
671992.27	4341177.95	51.70239	(10031019)	671540.60	4341238.29	40.81133	(10012623)
671575.34	4341177.95	33.53428	(11090420)	671454.65	4341196.23	36.61001	(13080221)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

671523.53	4341116.38	30.02669	(10080821)	671413.20	4341126.74	34.15022	(13062723)
671471.11	4341064.57	28.56255	(11033119)	671601.55	4341050.55	42.36211	(10020121)
671198.64	4341253.53	32.98993	(12072321)	671278.49	4341212.08	38.62042	(13072424)
671230.34	4341132.84	31.31977	(12062623)	671073.08	4341271.82	30.81551	(13062721)
671122.45	4341373.61	41.87170	(09090920)	671118.79	4341397.38	45.22894	(13090820)
670978.40	4341324.15	35.31437	(09082024)	670932.85	4341394.21	45.40696	(13070322)
670935.19	4341367.36	43.19862	(10101324)	671108.01	4340976.17	30.75912	(09082723)
671286.67	4340978.51	27.60017	(09090305)	671675.37	4342488.78	42.98717	(10041606)
671091.40	4342277.23	370.83869	(13081505)	671051.75	4342332.07	236.41175	(13083123)
671051.75	4342369.20	264.35633	(13070420)	670953.04	4342360.76	243.35310	(13122624)
670695.71	4342235.89	172.50267	(10012405)	670545.53	4342318.58	106.34340	(12123123)
670711.74	4342488.16	165.02155	(11022822)	670648.30	4342501.73	131.68454	(10120105)
670648.30	4342630.87	56.99620	(10071305)	670806.29	4342728.41	88.18138	(09100222)
670688.15	4342739.41	50.34109	(11122808)	670804.92	4342427.55	231.86409	(09120924)
670439.48	4342471.51	78.79803	(13121220)	670358.43	4342578.67	62.58694	(09122606)
670546.64	4342662.47	101.31798	(11022822)	670537.03	4342595.15	109.31558	(10120105)
670483.45	4342776.50	86.23252	(13082806)	670508.17	4342754.52	85.27364	(12012521)
670517.79	4342868.54	82.92296	(09020308)	670545.27	4342850.69	70.87381	(09122608)
670582.36	4342878.16	79.08985	(11011221)	670304.85	4342688.57	79.62849	(13020305)
670039.70	4342661.10	41.25224	(12122805)	670156.48	4342673.46	46.69948	(13121220)
670236.16	4342648.73	51.57867	(09122606)	670071.30	4342738.03	41.12424	(09122606)

669990.24	4342753.14	38.46355 (13121220)	669928.42	4342742.15	36.47944 (12122805)
669815.77	4342673.46	33.53107 (10121606)	669742.96	4342655.60	31.67272 (13020221)
669791.04	4342744.90	32.75443 (13120522)	669696.25	4342731.16	30.49261 (10121606)
669536.88	4342552.57	24.25078 (13120721)	671174.86	4342280.21	463.83269 (11121121)
671068.38	4342169.93	1746.50973 (09120805)	670965.71	4342179.44	639.40244 (13121220)
670815.50	4342198.45	249.56133 (10012405)	670737.55	4342097.68	184.81479 (13020522)
670762.27	4342069.16	200.84117 (12020606)	670817.40	4342040.64	248.39935 (13022805)
670895.36	4342025.43	361.84869 (13020523)	670979.02	4341915.15	354.20008 (10123023)
671115.92	4341863.81	365.33791 (12010620)	671199.58	4341770.65	214.22444 (09012719)
671222.39	4341377.07	63.22286 (09090305)	671714.84	4341392.28	87.67237 (11010418)
671366.89	4341998.81	420.60697 (11121817)	671226.19	4342236.48	525.35900 (13010305)
669098.44	4343411.59	14.13665 (12012907)	668908.63	4343364.56	13.50591 (13121220)
668851.52	4343359.52	13.24634 (13121220)	668831.37	4343371.27	13.08447 (13121220)
668733.94	4343302.41	12.85192 (13120522)	668686.91	4343199.95	13.11577 (10121606)
668671.79	4343089.09	13.40121 (12010521)	668806.17	4343001.74	14.47786 (12123123)
668918.71	4343025.26	15.37057 (10121606)	669024.53	4342942.95	16.54488 (12010521)
669288.24	4342916.08	19.81913 (10121606)	669333.59	4342922.80	20.29177 (10121605)
669365.51	4342978.23	20.18202 (13120522)	669336.95	4343151.23	18.05876 (13121220)
669303.36	4343304.09	16.79892 (10011008)	669222.73	4343235.22	16.25779 (09122606)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39	4343305.77	14.94715 (09122606)			

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

668148.79	4340781.04	4.01598	(10123020)	668370.10	4340781.04	4.52109	(10123020)
668591.41	4340781.04	4.94914	(12013021)	668812.72	4340781.04	5.37216	(10121507)
669034.03	4340781.04	5.97483	(11121118)	669255.34	4340781.04	6.73271	(13011407)
669476.65	4340781.04	7.34918	(12011319)	669697.96	4340781.04	7.90036	(12011319)
669919.27	4340781.04	14.92907	(09120721)	670140.58	4340781.04	25.46437	(11021921)
670361.89	4340781.04	25.72696	(09120721)	670583.20	4340781.04	20.17476	(13020608)
670804.51	4340781.04	20.46123	(09013022)	671025.82	4340781.04	16.39959	(14010117)
671247.13	4340781.04	15.82584	(10082219)	671468.44	4340781.04	23.01758	(09090920)
671689.75	4340781.04	40.33118	(11120720)	671911.06	4340781.04	45.64349	(10020121)
672132.37	4340781.04	28.41323	(12061920)	672353.68	4340781.04	48.45662	(11010418)
672574.99	4340781.04	47.35029	(13120120)	668148.79	4340946.00	3.93175	(10021319)
668370.10	4340946.00	4.46507	(13010219)	668591.41	4340946.00	4.94084	(10123020)
668812.72	4340946.00	5.42758	(10123020)	669034.03	4340946.00	6.21327	(12013021)
669255.34	4340946.00	6.96632	(10121507)	669476.65	4340946.00	7.63166	(11121118)
669697.96	4340946.00	8.79784	(12011319)	669919.27	4340946.00	25.36614	(12011319)
670140.58	4340946.00	25.33873	(13022521)	670361.89	4340946.00	28.09671	(11021921)
670583.20	4340946.00	28.14061	(09120721)	670804.51	4340946.00	20.18114	(12020121)
671025.82	4340946.00	15.08049	(12041321)	671247.13	4340946.00	14.66875	(09012522)
671468.44	4340946.00	18.46619	(13012807)	671689.75	4340946.00	54.02660	(12051020)
671911.06	4340946.00	71.05014	(13052221)	672132.37	4340946.00	24.24331	(11111217)
672353.68	4340946.00	38.38674	(13120120)	672574.99	4340946.00	46.86519	(09042621)
668148.79	4341110.96	4.03272	(10022221)	668370.10	4341110.96	4.40556	(09010222)
668591.41	4341110.96	5.04692	(10021319)	668812.72	4341110.96	5.59232	(13010219)
669034.03	4341110.96	6.31623	(11020620)	669255.34	4341110.96	6.97022	(10123020)
669476.65	4341110.96	7.99386	(12013021)	669697.96	4341110.96	9.21925	(09120107)
669919.27	4341110.96	10.33248	(13011407)	670140.58	4341110.96	28.76144	(12011319)
670361.89	4341110.96	27.81046	(13122720)	670583.20	4341110.96	21.32436	(09120217)
670804.51	4341110.96	14.21743	(12021208)	671025.82	4341110.96	12.22330	(12121421)
671247.13	4341110.96	15.77227	(12050719)	671468.44	4341110.96	20.53282	(13012807)
671689.75	4341110.96	86.51203	(11033119)	671911.06	4341110.96	85.62928	(12061920)
672132.37	4341110.96	25.99160	(12050420)	672353.68	4341110.96	21.40426	(11051920)
672574.99	4341110.96	46.01176	(10091119)	668148.79	4341275.92	4.15285	(10010308)
668370.10	4341275.92	4.57518	(09012008)	668591.41	4341275.92	5.18291	(13012122)
668812.72	4341275.92	5.91210	(10022221)	669034.03	4341275.92	6.83880	(09010222)
669255.34	4341275.92	7.53406	(10021319)	669476.65	4341275.92	8.31381	(13010219)
669697.96	4341275.92	9.44300	(10123020)	669919.27	4341275.92	27.44208	(13011407)
670140.58	4341275.92	25.98582	(11121118)	670361.89	4341275.92	23.12039	(13011407)
670583.20	4341275.92	14.03695	(13112708)	670804.51	4341275.92	12.80448	(12021208)
671025.82	4341275.92	11.90679	(10022122)	671247.13	4341275.92	18.99414	(12050719)
671468.44	4341275.92	62.04274	(11122708)	671689.75	4341275.92	136.76550	(10020121)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	111.65358	(11010418)	672132.37	4341275.92	24.80711 (12080720)
672353.68	4341275.92	14.37578	(12081519)	672574.99	4341275.92	48.55405 (09111517)
668148.79	4341440.88	4.20589	(11120619)	668370.10	4341440.88	4.69791 (11120619)
668591.41	4341440.88	5.30362	(09021920)	668812.72	4341440.88	6.11412 (09021920)
669034.03	4341440.88	6.94703	(10010308)	669255.34	4341440.88	7.65128 (13012122)
669476.65	4341440.88	8.65069	(10022221)	669697.96	4341440.88	9.93650 (09010222)
669919.27	4341440.88	29.68173	(10123020)	670140.58	4341440.88	24.05943 (10123020)
670361.89	4341440.88	20.17596	(10021419)	670583.20	4341440.88	13.83519 (10100907)
670804.51	4341440.88	16.66242	(13112708)	671025.82	4341440.88	13.57025 (11021919)
671689.75	4341440.88	45.39690	(13011419)	671911.06	4341440.88	105.87630 (11051920)
672132.37	4341440.88	22.13250	(10091119)	672353.68	4341440.88	23.75211 (09111517)
672574.99	4341440.88	10.36376	(11120722)	668148.79	4341605.84	4.42335 (12013107)
668370.10	4341605.84	4.91453	(12013107)	668591.41	4341605.84	5.46131 (12013107)
668812.72	4341605.84	6.14091	(11120619)	669034.03	4341605.84	6.94000 (11120619)
669255.34	4341605.84	7.86797	(11120619)	669476.65	4341605.84	8.92984 (09021920)
669697.96	4341605.84	10.33307	(09021920)	669919.27	4341605.84	29.49364 (10022221)
670140.58	4341605.84	26.96464	(10022221)	670361.89	4341605.84	18.44790 (12020808)
670583.20	4341605.84	15.80046	(09011817)	670804.51	4341605.84	28.11005 (12013108)
671025.82	4341605.84	20.60644	(13112708)	671689.75	4341605.84	65.70262 (13120120)
671911.06	4341605.84	90.51682	(09111517)	672132.37	4341605.84	42.49585 (12041421)
672353.68	4341605.84	31.93399	(11121817)	672574.99	4341605.84	10.15317 (13122317)
668148.79	4341770.80	4.33753	(09123019)	668370.10	4341770.80	5.00225 (09123019)
668591.41	4341770.80	5.41619	(09020407)	668812.72	4341770.80	6.12510 (09020407)
669034.03	4341770.80	7.02979	(09020407)	669255.34	4341770.80	8.15246 (09020319)
669476.65	4341770.80	9.30300	(12013107)	669697.96	4341770.80	30.56396 (11120619)
669919.27	4341770.80	28.73467	(11120619)	670140.58	4341770.80	24.97662 (10022420)
670361.89	4341770.80	16.78549	(10101307)	670583.20	4341770.80	25.52343 (09020408)
670804.51	4341770.80	52.33899	(10123020)	671025.82	4341770.80	64.08136 (09021007)
671689.75	4341770.80	116.54567	(09111517)	671911.06	4341770.80	78.32531 (11121817)
672132.37	4341770.80	20.32489	(13120717)	672353.68	4341770.80	13.56230 (09012017)
672574.99	4341770.80	10.66169	(12013019)	668148.79	4341935.76	4.16018 (13122120)
668370.10	4341935.76	4.73652	(13122120)	668591.41	4341935.76	5.44382 (13122120)
668812.72	4341935.76	6.24778	(13122120)	669034.03	4341935.76	7.20987 (13122120)
669255.34	4341935.76	8.36231	(13122120)	669476.65	4341935.76	29.50328 (13120722)
669697.96	4341935.76	26.82756	(13122120)	669919.27	4341935.76	19.70026 (11123022)
670140.58	4341935.76	19.06167	(11123022)	670361.89	4341935.76	21.57996 (11123022)
670583.20	4341935.76	46.17033	(13120722)	670804.51	4341935.76	34.43640 (13120722)
671468.44	4341935.76	98.83115	(11112017)	671689.75	4341935.76	49.44753 (12081720)
671911.06	4341935.76	49.91122	(13122317)	672132.37	4341935.76	15.39975 (10093018)
672353.68	4341935.76	10.15026	(13012708)	672574.99	4341935.76	35.75678 (13122719)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668148.79	4342100.72	4.19956	(12011408)	668370.10	4342100.72	4.85891	(12011408)
668591.41	4342100.72	5.58224	(12011408)	668812.72	4342100.72	6.28213	(10013107)
669034.03	4342100.72	7.26161	(10013107)	669255.34	4342100.72	8.37824	(10013107)
669476.65	4342100.72	29.12517	(12011408)	669697.96	4342100.72	33.60695	(10013107)
669919.27	4342100.72	34.29476	(10013107)	670140.58	4342100.72	28.45213	(13010822)
670361.89	4342100.72	45.03942	(13020522)	670583.20	4342100.72	25.45539	(12121918)
671468.44	4342100.72	33.10574	(13012117)	671689.75	4342100.72	22.87467	(09112608)
671911.06	4342100.72	33.69546	(09010407)	672132.37	4342100.72	19.13183	(11082219)
672353.68	4342100.72	11.37122	(12110617)	672574.99	4342100.72	33.62153	(12071720)
668148.79	4342265.68	4.24756	(11122522)	668370.10	4342265.68	4.89404	(11122522)
668591.41	4342265.68	5.25564	(11122522)	668812.72	4342265.68	5.94497	(09021921)
669034.03	4342265.68	6.77201	(12121507)	669255.34	4342265.68	7.96392	(12121507)
669476.65	4342265.68	9.17760	(13020222)	669697.96	4342265.68	10.92915	(12121918)
669919.27	4342265.68	12.91378	(13121207)	670140.58	4342265.68	18.19881	(12121918)
670361.89	4342265.68	19.52332	(10021307)	670583.20	4342265.68	25.83826	(12010521)
670804.51	4342265.68	40.56665	(13121220)	671025.82	4342265.68	195.38135	(13121208)
671247.13	4342265.68	178.64489	(10021819)	671468.44	4342265.68	35.77332	(09010118)
671689.75	4342265.68	27.69693	(11071821)	671911.06	4342265.68	25.24821	(11092521)
672132.37	4342265.68	29.57501	(12011618)	672353.68	4342265.68	25.56385	(13052320)
672574.99	4342265.68	9.18984	(12011618)	668148.79	4342430.64	3.98287	(12121507)
668370.10	4342430.64	4.61947	(12121507)	668591.41	4342430.64	4.87702	(13020222)
668812.72	4342430.64	5.41060	(12121918)	669034.03	4342430.64	6.09557	(12121918)
669255.34	4342430.64	7.00480	(09010221)	669476.65	4342430.64	8.49215	(09022722)
669697.96	4342430.64	9.78749	(13120721)	669919.27	4342430.64	11.83119	(13020107)
670140.58	4342430.64	14.12710	(12010521)	670361.89	4342430.64	18.12412	(13120522)
670583.20	4342430.64	38.70927	(09021821)	670804.51	4342430.64	53.28648	(13021622)
671025.82	4342430.64	111.76116	(09010721)	671247.13	4342430.64	47.94295	(13070422)
671468.44	4342430.64	27.83381	(11022720)	671689.75	4342430.64	20.08574	(13090121)
671911.06	4342430.64	19.54961	(10102018)	672132.37	4342430.64	28.40116	(10101519)
672353.68	4342430.64	14.55959	(12011618)	672574.99	4342430.64	8.32557	(11121722)
668148.79	4342595.60	3.99967	(12121918)	668370.10	4342595.60	4.33200	(13121207)
668591.41	4342595.60	4.78989	(09010221)	668812.72	4342595.60	5.34609	(09022722)
669034.03	4342595.60	6.04763	(13120721)	669255.34	4342595.60	6.91513	(10021307)
669476.65	4342595.60	7.76001	(10021907)	669697.96	4342595.60	9.54056	(12010521)
669919.27	4342595.60	10.84760	(11121807)	670140.58	4342595.60	13.95374	(09021821)
670361.89	4342595.60	17.12098	(13121220)	670583.20	4342595.60	73.14920	(12021920)
670804.51	4342595.60	111.02718	(13021807)	671025.82	4342595.60	114.52729	(10021822)
671247.13	4342595.60	75.81197	(13070420)	671468.44	4342595.60	17.66815	(12110118)
671689.75	4342595.60	11.91841	(10020119)	671911.06	4342595.60	10.87629	(09112608)
672132.37	4342595.60	17.95371	(11092521)	672353.68	4342595.60	24.58318	(11121722)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	8.27966 (11121722)	668148.79	4342760.56	4.06312 (09022722)
668370.10	4342760.56	4.51537 (13120721)	668591.41	4342760.56	4.81159 (13120721)
668812.72	4342760.56	5.38408 (13020107)	669034.03	4342760.56	6.23908 (10021907)
669255.34	4342760.56	7.10896 (10013121)	669476.65	4342760.56	7.80061 (11122519)
669697.96	4342760.56	9.93153 (13120522)	669919.27	4342760.56	11.37826 (13121220)
670140.58	4342760.56	34.40169 (12012907)	670361.89	4342760.56	62.01735 (13021622)
670583.20	4342760.56	64.11482 (12121219)	670804.51	4342760.56	85.13588 (11011221)
671025.82	4342760.56	78.65126 (12111121)	671247.13	4342760.56	28.29809 (10101520)
671468.44	4342760.56	15.48315 (12110118)	671689.75	4342760.56	11.94420 (10020119)
671911.06	4342760.56	8.71972 (09122822)	672132.37	4342760.56	11.47379 (13082319)
672353.68	4342760.56	28.92967 (13082820)	672574.99	4342760.56	19.90782 (11121722)
668148.79	4342925.52	4.00700 (10021307)	668370.10	4342925.52	4.39513 (13020107)
668591.41	4342925.52	4.93280 (10021907)	668812.72	4342925.52	5.36665 (10013121)
669034.03	4342925.52	6.01470 (13020221)	669476.65	4342925.52	7.75961 (09021821)
669697.96	4342925.52	9.46670 (13121220)	669919.27	4342925.52	19.84758 (12012907)
670140.58	4342925.52	54.45817 (13021622)	670361.89	4342925.52	64.77641 (13120521)
670583.20	4342925.52	53.90534 (13021619)	670804.51	4342925.52	81.78846 (09010719)
671025.82	4342925.52	27.28372 (10021819)	671247.13	4342925.52	22.91209 (12010922)
671468.44	4342925.52	12.07325 (12110118)	671689.75	4342925.52	9.99340 (10020119)
671911.06	4342925.52	8.04773 (11022319)	672132.37	4342925.52	6.92141 (10021018)
672353.68	4342925.52	15.38089 (11092521)	672574.99	4342925.52	25.19582 (13082820)
668148.79	4343090.48	3.75391 (10021907)	668370.10	4343090.48	4.13446 (10013121)
668591.41	4343090.48	4.80099 (13020221)	669476.65	4343090.48	7.06895 (13121220)
669697.96	4343090.48	7.87457 (09120807)	669919.27	4343090.48	9.27577 (13021622)
670140.58	4343090.48	18.59828 (13121208)	670361.89	4343090.48	12.13556 (10011020)
670583.20	4343090.48	13.42547 (11011221)	670804.51	4343090.48	45.46031 (09100222)
671025.82	4343090.48	19.35077 (13070422)	671247.13	4343090.48	16.57025 (12010922)
671468.44	4343090.48	10.84574 (12110118)	671689.75	4343090.48	8.53973 (13031822)
671911.06	4343090.48	7.21060 (09021120)	672132.37	4343090.48	6.46528 (13032522)
672353.68	4343090.48	5.63913 (10030721)	672574.99	4343090.48	8.56268 (11030418)
668148.79	4343255.44	3.68967 (13020221)	668370.10	4343255.44	4.03831 (11122519)
668591.41	4343255.44	4.52750 (13120522)	669476.65	4343255.44	6.64556 (09120807)
669697.96	4343255.44	7.45654 (13021622)	669919.27	4343255.44	8.56668 (11121007)
670140.58	4343255.44	9.66308 (13122921)	670361.89	4343255.44	10.53939 (09122608)
670583.20	4343255.44	11.23275 (10121220)	670804.51	4343255.44	12.71820 (10021819)
671025.82	4343255.44	18.36011 (13070422)	671247.13	4343255.44	13.57932 (11112017)
671468.44	4343255.44	10.57322 (12110118)	671689.75	4343255.44	7.64523 (13031822)
671911.06	4343255.44	6.39064 (09060521)	672132.37	4343255.44	5.99103 (13050520)

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672353.68 4343255.44 5.62774 (10021018) 672574.99 4343255.44 4.71895 (10021919)
668148.79 4343420.40 3.76111 (11121807) 668370.10 4343420.40 4.03708 (13120522)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP2 ***
    INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
    L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
    L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
    L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
668591.41 4343420.40 4.30688 (09021821) 668812.72 4343420.40 4.72393 (13121220)
669034.03 4343420.40 4.84197 (13121220) 669255.34 4343420.40 5.26341 (09120807)
669476.65 4343420.40 5.83260 (13123019) 669697.96 4343420.40 7.10359 (13120520)
669919.27 4343420.40 7.82944 (13120521) 670140.58 4343420.40 8.25615 (09011922)
670361.89 4343420.40 9.09769 (11011221) 670583.20 4343420.40 9.84143 (09010722)
670804.51 4343420.40 11.38913 (10021819) 671025.82 4343420.40 44.34474 (13070420)
671247.13 4343420.40 22.01840 (11012908) 671468.44 4343420.40 9.21586 (12110118)
671689.75 4343420.40 7.20408 (13031822) 671911.06 4343420.40 5.94168 (09060521)
672132.37 4343420.40 5.30035 (09122822) 672353.68 4343420.40 4.76141 (13032522)
672574.99 4343420.40 4.42723 (10030721) 668148.79 4343585.36 3.84159 (09021821)
668370.10 4343585.36 4.12804 (13121220) 668591.41 4343585.36 4.16959 (13121220)
668812.72 4343585.36 4.33383 (12012907) 669034.03 4343585.36 4.82348 (09120807)
669255.34 4343585.36 5.24350 (13123019) 669476.65 4343585.36 5.75640 (13120520)
669697.96 4343585.36 6.14391 (13120521) 669919.27 4343585.36 6.77126 (10011020)
670140.58 4343585.36 7.44872 (09122608) 670361.89 4343585.36 8.13958 (10121220)
670583.20 4343585.36 8.81165 (10021822) 670804.51 4343585.36 9.68692 (10021819)
671025.82 4343585.36 10.30209 (12010922) 671247.13 4343585.36 23.40305 (11012908)
671468.44 4343585.36 10.80376 (09061620) 671689.75 4343585.36 8.41179 (10121422)
671911.06 4343585.36 6.37097 (10020119) 672132.37 4343585.36 5.52529 (09021120)
672353.68 4343585.36 4.58845 (11081319) 672574.99 4343585.36 4.38529 (11052220)
668148.79 4343750.32 3.71353 (13121220) 668370.10 4343750.32 3.96418 (13121220)
668591.41 4343750.32 3.98296 (12012907) 668812.72 4343750.32 4.26513 (09120807)
669034.03 4343750.32 4.83598 (13123019) 669255.34 4343750.32 5.25293 (13120520)
669476.65 4343750.32 5.48669 (13120521) 669697.96 4343750.32 5.86639 (13122921)
669919.27 4343750.32 6.33859 (13021619) 670140.58 4343750.32 6.93953 (11011221)
670361.89 4343750.32 7.65251 (09010719) 670583.20 4343750.32 7.68141 (10021819)
670804.51 4343750.32 8.44518 (11010908) 671025.82 4343750.32 8.91589 (12010922)
671247.13 4343750.32 12.84502 (13010421) 671468.44 4343750.32 18.06547 (12021921)
671689.75 4343750.32 26.19974 (13100819) 671911.06 4343750.32 17.30167 (11121121)
672132.37 4343750.32 7.21630 (13090121) 672353.68 4343750.32 5.11094 (13050520)
672574.99 4343750.32 4.66939 (10021018) 668148.79 4343915.28 3.37378 (13121220)
668370.10 4343915.28 3.59424 (10011008) 668591.41 4343915.28 3.95445 (09120807)
668812.72 4343915.28 4.22595 (13123019) 669034.03 4343915.28 4.67684 (13120520)

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669255.34	4343915.28	5.04692 (13121208)	669476.65	4343915.28	5.34071 (13022220)
669697.96	4343915.28	5.59026 (13021807)	669919.27	4343915.28	5.92887 (09122608)
670140.58	4343915.28	6.51213 (09010721)	670361.89	4343915.28	6.98133 (10021822)
670583.20	4343915.28	7.38558 (10021819)	670804.51	4343915.28	7.85446 (11010908)
671025.82	4343915.28	8.27102 (12010922)	671247.13	4343915.28	8.12680 (13010421)
671468.44	4343915.28	22.30529 (13021621)	671689.75	4343915.28	26.50637 (12021921)
671911.06	4343915.28	14.21373 (10090419)	672132.37	4343915.28	12.12213 (09080521)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
 L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
 L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
 L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	8.40221	(13093018)	672574.99	4343915.28	6.45275 (09112608)
668148.79	4344080.24	3.17620	(10011008)	668370.10	4344080.24	3.44419 (09120807)
668591.41	4344080.24	3.76944	(13123019)	668812.72	4344080.24	4.12134 (12021920)
669034.03	4344080.24	4.45898	(13121208)	669255.34	4344080.24	4.84875 (13120521)
669476.65	4344080.24	5.00981	(10011020)	669697.96	4344080.24	5.28763 (13021619)
669919.27	4344080.24	5.67538	(11011221)	670140.58	4344080.24	6.29576 (09010719)
670361.89	4344080.24	6.29510	(10021822)	670583.20	4344080.24	6.84511 (10021819)
670804.51	4344080.24	7.32031	(11010908)	671025.82	4344080.24	27.07555 (12010922)
671247.13	4344080.24	7.55063	(13010421)	671468.44	4344080.24	6.65359 (13010421)
671689.75	4344080.24	17.55012	(12021921)	671911.06	4344080.24	7.07969 (12011417)
672132.37	4344080.24	5.52380	(09060521)	672353.68	4344080.24	5.42906 (09021120)
672574.99	4344080.24	4.85835	(11081319)	671464.71	4342094.27	34.88393 (13012117)
671482.23	4342063.91	35.66530	(09010118)	671498.58	4342030.05	36.21450 (11022720)
671513.75	4341991.52	39.93747	(09061620)	671541.78	4341964.66	39.49458 (13071620)
671575.64	4341974.00	30.31845	(09012017)	671460.75	4342162.97	30.88004 (13012117)
671451.00	4342187.35	31.77970	(13012117)	671510.73	4342219.66	26.58785 (09061620)
671524.14	4342192.84	24.02852	(10122221)	671522.92	4342250.74	28.89365 (13021621)
671599.11	4342252.57	24.96673	(13100819)	671627.76	4342256.84	25.49491 (11121121)
671583.88	4342116.03	18.93306	(10020119)	671595.46	4342071.54	18.98733 (10020119)
671663.12	4342056.30	20.74053	(11081319)	671600.94	4342030.09	21.42010 (09060521)
671526.58	4342155.65	22.61282	(10122221)	671628.98	4342292.19	28.23070 (11121121)
671641.78	4341980.71	28.44919	(09012017)	671666.77	4342018.51	24.18702 (11092618)
671407.11	4342219.66	40.73127	(11112017)	671415.64	4342183.08	39.38287 (11112017)
671635.08	4341706.42	182.06257	(11051920)	671693.59	4341710.08	104.12934 (09042621)
671719.80	4341736.29	91.53162	(09010407)	671673.48	4341630.23	81.76249 (13120120)
671888.04	4341936.22	54.24159	(13122317)	671977.64	4341952.07	36.44757 (12013019)
672039.21	4341894.77	24.76478	(13122317)	671858.17	4341753.96	53.53879 (12041421)
671922.78	4341634.49	87.90794	(09111517)	671613.74	4341791.15	133.63421 (13052920)

671853.29	4341730.80	53.83750 (09111517)	671783.81	4341585.73	43.58148 (13120120)
671783.20	4341546.72	44.48237 (13120120)	671769.18	4341461.38	45.69487 (11010418)
671800.87	4341420.54	50.64275 (11010418)	671880.11	4341427.25	122.61800 (13120120)
672012.39	4341504.66	35.97346 (10091119)	672084.31	4341547.94	39.39643 (09111517)
671915.47	4341478.45	101.41987 (09042621)	671903.28	4341564.40	95.56229 (13052920)
671863.05	4341522.34	110.73401 (09042621)	671830.13	4341336.43	91.08029 (11010418)
671835.62	4341287.66	108.36956 (13011419)	671825.87	4341275.47	110.26476 (13011419)
672136.73	4341370.56	21.43969 (13052920)	671920.34	4341307.17	100.88411 (12050420)
671695.42	4341257.19	130.04946 (10020121)	671682.01	4341176.12	89.19397 (13080221)
671991.66	4341196.23	90.88894 (11010418)	672022.14	4341231.59	75.85061 (10031019)
671992.27	4341177.95	76.52909 (12051820)	671540.60	4341238.29	35.13596 (11090720)
671575.34	4341177.95	30.74747 (11090720)	671454.65	4341196.23	25.06474 (13012807)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671523.53	4341116.38	23.66026 (09011917)	671413.20	4341126.74	21.12554 (11111319)
671471.11	4341064.57	19.97295 (13012807)	671601.55	4341050.55	43.09324 (13072522)
671198.64	4341253.53	14.93752 (12121420)	671278.49	4341212.08	18.62032 (09012522)
671230.34	4341132.84	14.92367 (12121420)	671073.08	4341271.82	12.05877 (12121421)
671122.45	4341373.61	14.93674 (12121421)	671118.79	4341397.38	15.46206 (12121421)
670978.40	4341324.15	12.18386 (11021919)	670932.85	4341394.21	13.27530 (11021919)
670935.19	4341367.36	13.09862 (10021608)	671108.01	4340976.17	13.70469 (12050719)
671286.67	4340978.51	15.45502 (09012522)	671675.37	4342488.78	15.69724 (10040319)
671091.40	4342277.23	236.63786 (13021619)	671051.75	4342332.07	187.86852 (13021619)
671051.75	4342369.20	183.53185 (10021222)	670953.04	4342360.76	162.20822 (13120521)
670695.71	4342235.89	33.49030 (13020221)	670545.53	4342318.58	24.74717 (11121807)
670711.74	4342488.16	102.73420 (12021920)	670648.30	4342501.73	89.13052 (13123019)
670648.30	4342630.87	52.05185 (12012908)	670806.29	4342728.41	86.93570 (10021222)
670688.15	4342739.41	47.70659 (09020222)	670804.92	4342427.55	52.56324 (13021622)
670439.48	4342471.51	20.60986 (13121220)	670358.43	4342578.67	17.43314 (13121220)
670546.64	4342662.47	78.38537 (13120520)	670537.03	4342595.15	77.85389 (13123019)
670483.45	4342776.50	71.40384 (12012908)	670508.17	4342754.52	72.37190 (12012908)
670517.79	4342868.54	71.91797 (13122921)	670545.27	4342850.69	68.18721 (13122921)
670582.36	4342878.16	72.51994 (13021807)	670304.85	4342688.57	22.35464 (12012907)
670039.70	4342661.10	12.49623 (13121220)	670156.48	4342673.46	13.98256 (13121220)
670236.16	4342648.73	15.06008 (13121220)	670071.30	4342738.03	12.69697 (13121220)
669990.24	4342753.14	11.97462 (13121220)	669928.42	4342742.15	11.43834 (13121220)
669815.77	4342673.46	10.61585 (13120522)	669742.96	4342655.60	10.17798 (11122519)

669791.04	4342744.90	10.48933 (09021821)	669696.25	4342731.16	9.95429 (13120522)
669536.88	4342552.57	8.05426 (13020107)	671174.86	4342280.21	216.83179 (09010722)
671068.38	4342169.93	149.13202 (11121807)	670965.71	4342179.44	70.01461 (13120522)
670815.50	4342198.45	40.98643 (13020221)	670737.55	4342097.68	31.98465 (12121918)
670762.27	4342069.16	32.93893 (12121507)	670817.40	4342040.64	36.07848 (12121507)
670895.36	4342025.43	42.24506 (10013107)	670979.02	4341915.15	43.26752 (09021920)
671115.92	4341863.81	55.49386 (13120722)	671199.58	4341770.65	57.92782 (11120619)
671222.39	4341377.07	24.43560 (12101307)	671714.84	4341392.28	48.49152 (13011419)
671366.89	4341998.81	349.91080 (12111121)	671226.19	4342236.48	218.60063 (09100222)
669098.44	4343411.59	4.87107 (12012907)	668908.63	4343364.56	4.92260 (13121220)
668851.52	4343359.52	4.84319 (13121220)	668831.37	4343371.27	4.78764 (13121220)
668733.94	4343302.41	4.71849 (09021821)	668686.91	4343199.95	4.79182 (13120522)
668671.79	4343089.09	4.88163 (13020221)	668806.17	4343001.74	5.22657 (13020221)
668918.71	4343025.26	5.54014 (11122519)	669024.53	4342942.95	5.92493 (11122519)
669288.24	4342916.08	6.96025 (13120522)	669333.59	4342922.80	7.11890 (13120522)
669365.51	4342978.23	7.09636 (09021821)	669336.95	4343151.23	6.45152 (13121220)
669303.36	4343304.09	5.70825 (10011008)	669222.73	4343235.22	5.87918 (13121220)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP2 ***

INCLUDING SOURCE(S): L0000674 , L0000675 , L0000676 , L0000677 , L0000678 ,
L0000679 , L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 ,
L0000687 , L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 ,
L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39 4343305.77 5.38231 (13121220)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	3.44426	(13021307)	668370.10	4340781.04	4.54023 (09101922)
668591.41	4340781.04	4.70502	(13010818)	668812.72	4340781.04	4.94131 (13020607)
669034.03	4340781.04	4.81154	(10022222)	669255.34	4340781.04	4.68088 (10022222)
669476.65	4340781.04	4.98099	(11122708)	669697.96	4340781.04	4.74020 (13010320)
669919.27	4340781.04	6.15893	(09021007)	670140.58	4340781.04	10.02438 (12020121)
670361.89	4340781.04	12.18629	(13021307)	670583.20	4340781.04	12.03351 (13010818)
670804.51	4340781.04	12.95115	(13122018)	671025.82	4340781.04	12.11746 (13011907)
671247.13	4340781.04	11.05860	(12062621)	671468.44	4340781.04	14.32325 (12110318)
671689.75	4340781.04	17.32814	(12051420)	671911.06	4340781.04	17.16567 (11123117)
672132.37	4340781.04	11.56582	(12061920)	672353.68	4340781.04	17.26921 (09033019)
672574.99	4340781.04	14.10606	(13120120)	668148.79	4340946.00	2.23274 (12011319)
668370.10	4340946.00	3.86354	(11012619)	668591.41	4340946.00	4.66199 (13010818)
668812.72	4340946.00	4.92279	(13020607)	669034.03	4340946.00	4.97825 (13122018)
669255.34	4340946.00	4.99790	(13010319)	669476.65	4340946.00	5.30227 (11122708)
669697.96	4340946.00	6.04466	(13020607)	669919.27	4340946.00	8.93444 (10121121)
670140.58	4340946.00	8.72551	(12010420)	670361.89	4340946.00	11.81917 (09013022)
670583.20	4340946.00	14.19139	(13012822)	670804.51	4340946.00	13.87354 (13121008)
671025.82	4340946.00	11.95185	(13011907)	671247.13	4340946.00	10.24710 (09102121)
671468.44	4340946.00	11.84771	(12051020)	671689.75	4340946.00	20.46561 (10020121)
671911.06	4340946.00	20.56124	(13042120)	672132.37	4340946.00	9.92267 (13092719)
672353.68	4340946.00	16.20425	(11010418)	672574.99	4340946.00	13.09354 (13120120)
668148.79	4341110.96	2.33909	(12011319)	668370.10	4341110.96	2.44799 (12011319)
668591.41	4341110.96	5.10665	(13010818)	668812.72	4341110.96	5.43073 (13020607)
669034.03	4341110.96	5.33752	(13122018)	669255.34	4341110.96	5.67354 (12021719)
669476.65	4341110.96	5.45278	(13011907)	669697.96	4341110.96	6.30564 (10022721)
669919.27	4341110.96	6.53556	(10022222)	670140.58	4341110.96	10.66659 (13122318)
670361.89	4341110.96	13.88988	(12020121)	670583.20	4341110.96	13.39737 (09040420)
670804.51	4341110.96	10.97435	(09042020)	671025.82	4341110.96	9.39091 (13121118)
671247.13	4341110.96	12.37257	(09102318)	671468.44	4341110.96	13.21439 (11033119)
671689.75	4341110.96	22.84562	(11123117)	671911.06	4341110.96	22.28381 (13011419)
672132.37	4341110.96	10.52689	(12051820)	672353.68	4341110.96	11.35682 (12092719)
672574.99	4341110.96	13.60933	(11051920)	668148.79	4341275.92	2.47132 (12011319)
668370.10	4341275.92	2.95592	(13021307)	668591.41	4341275.92	5.65998 (13012822)
668812.72	4341275.92	5.30187	(13010818)	669034.03	4341275.92	5.78334 (12122707)
669255.34	4341275.92	5.38961	(13122018)	669476.65	4341275.92	5.58849 (12021719)
669697.96	4341275.92	5.57584	(11122708)	669919.27	4341275.92	8.91398 (12122717)
670140.58	4341275.92	12.57112	(10123021)	670361.89	4341275.92	13.16151 (12010420)
670583.20	4341275.92	10.63705	(09010818)	670804.51	4341275.92	10.53136 (09102319)
671025.82	4341275.92	9.47561	(13022822)	671247.13	4341275.92	17.05222 (12081721)
671468.44	4341275.92	24.93254	(12051420)	671689.75	4341275.92	24.07998 (13011419)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	22.63027	(11010418)	672132.37	4341275.92	12.61067 (13072420)
672353.68	4341275.92	8.36906	(13120120)	672574.99	4341275.92	13.51876 (09042621)
668148.79	4341440.88	2.60154	(12011319)	668370.10	4341440.88	4.92765 (13012808)
668591.41	4341440.88	5.89517	(11012619)	668812.72	4341440.88	5.16762 (11012619)
669034.03	4341440.88	5.92795	(12122707)	669255.34	4341440.88	5.69798 (13122018)
669476.65	4341440.88	5.91612	(13022822)	669697.96	4341440.88	6.76925 (13010818)
669919.27	4341440.88	11.65084	(13122720)	670140.58	4341440.88	11.91693 (12011607)
670361.89	4341440.88	12.12579	(11011819)	670583.20	4341440.88	10.22929 (12020121)
670804.51	4341440.88	14.48046	(13012822)	671025.82	4341440.88	12.40635 (09071621)
671689.75	4341440.88	16.78631	(11010418)	671911.06	4341440.88	21.42180 (10031019)
672132.37	4341440.88	14.49870	(13120120)	672353.68	4341440.88	15.11762 (11051920)
672574.99	4341440.88	9.52828	(13052920)	668148.79	4341605.84	6.04933 (10121518)
668370.10	4341605.84	6.36966	(09013022)	668591.41	4341605.84	6.06821 (13021307)
668812.72	4341605.84	5.62973	(11012619)	669034.03	4341605.84	5.71131 (13010818)
669255.34	4341605.84	5.98617	(13121008)	669476.65	4341605.84	6.43047 (13122018)
669697.96	4341605.84	7.41826	(13012822)	669919.27	4341605.84	12.23650 (09120107)
670140.58	4341605.84	13.04220	(13122720)	670361.89	4341605.84	10.79300 (11012722)
670583.20	4341605.84	11.32885	(13122918)	670804.51	4341605.84	21.69764 (13021307)
671025.82	4341605.84	21.83612	(11012707)	671689.75	4341605.84	15.90584 (13120120)
671911.06	4341605.84	17.46298	(13120120)	672132.37	4341605.84	21.51588 (11051920)
672353.68	4341605.84	17.33577	(13052920)	672574.99	4341605.84	9.08283 (10091119)
668148.79	4341770.80	3.52297	(11120617)	668370.10	4341770.80	6.50642 (12020121)
668591.41	4341770.80	7.05997	(13021307)	668812.72	4341770.80	6.77346 (13012822)
669034.03	4341770.80	6.15754	(13012822)	669255.34	4341770.80	6.95556 (12122707)
669476.65	4341770.80	7.37041	(12122707)	669697.96	4341770.80	10.68523 (10022221)
669919.27	4341770.80	12.00603	(11122718)	670140.58	4341770.80	11.44642 (10121507)
670361.89	4341770.80	8.77601	(09072922)	670583.20	4341770.80	15.16755 (13021721)
670804.51	4341770.80	27.31728	(09021007)	671025.82	4341770.80	34.56205 (13020607)
671689.75	4341770.80	22.90689	(13120120)	671911.06	4341770.80	16.58859 (11051920)
672132.37	4341770.80	15.54309	(13052920)	672353.68	4341770.80	9.17390 (10091119)
672574.99	4341770.80	10.54168	(09111517)	668148.79	4341935.76	3.22915 (12011319)
668370.10	4341935.76	3.32838	(12011319)	668591.41	4341935.76	7.71597 (09010818)
668812.72	4341935.76	6.55145	(13021307)	669034.03	4341935.76	6.78252 (13021307)
669255.34	4341935.76	7.44716	(09021007)	669476.65	4341935.76	9.17910 (13052822)
669697.96	4341935.76	9.88735	(09021920)	669919.27	4341935.76	7.72497 (12010421)
670140.58	4341935.76	7.86419	(13032321)	670361.89	4341935.76	9.67214 (09122317)
670583.20	4341935.76	21.00999	(10121507)	670804.51	4341935.76	17.37107 (12011319)
671468.44	4341935.76	39.93469	(11010418)	671689.75	4341935.76	30.27247 (11051920)
671911.06	4341935.76	20.67042	(13052920)	672132.37	4341935.76	12.17929 (10091119)
672353.68	4341935.76	7.32680	(12101607)	672574.99	4341935.76	12.58405 (13080821)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668148.79	4342100.72	3.64708	(12011319)	668370.10	4342100.72	7.67404 (12010420)
668591.41	4342100.72	7.09545	(12020121)	668812.72	4342100.72	6.70785 (09013022)
669034.03	4342100.72	7.79226	(12122707)	669255.34	4342100.72	8.12813 (09120721)
669476.65	4342100.72	9.29503	(13120722)	669697.96	4342100.72	11.08180 (09123019)
669919.27	4342100.72	12.00085	(09020407)	670140.58	4342100.72	9.96888 (10022420)
670361.89	4342100.72	18.64934	(13120722)	670583.20	4342100.72	11.94355 (09021920)
671468.44	4342100.72	28.60214	(13120120)	671689.75	4342100.72	22.38051 (13052920)
671911.06	4342100.72	18.44165	(10091119)	672132.37	4342100.72	15.55816 (09111517)
672353.68	4342100.72	9.05499	(12041421)	672574.99	4342100.72	13.08980 (12041421)
668148.79	4342265.68	4.05998	(12011319)	668370.10	4342265.68	8.83584 (13122318)
668591.41	4342265.68	5.33281	(10121518)	668812.72	4342265.68	9.10766 (13021307)
669034.03	4342265.68	9.38556	(13010818)	669255.34	4342265.68	7.82075 (10022721)
669476.65	4342265.68	8.46532	(13122018)	669697.96	4342265.68	9.60724 (11120617)
669919.27	4342265.68	10.54569	(13021307)	670140.58	4342265.68	11.12974 (13010818)
670361.89	4342265.68	11.49232	(13011419)	670583.20	4342265.68	13.03389 (10031019)
670804.51	4342265.68	20.24759	(10021907)	671025.82	4342265.68	44.62327 (11100120)
671247.13	4342265.68	58.19495	(13120120)	671468.44	4342265.68	25.86350 (09042621)
671689.75	4342265.68	19.91406	(10091119)	671911.06	4342265.68	18.74013 (13080821)
672132.37	4342265.68	15.71746	(12041421)	672353.68	4342265.68	13.79899 (12070821)
672574.99	4342265.68	12.36496	(11121817)	668148.79	4342430.64	4.05977 (11121118)
668370.10	4342430.64	4.67145	(12011319)	668591.41	4342430.64	4.53470 (12011319)
668812.72	4342430.64	4.50498	(12011319)	669034.03	4342430.64	4.59438 (12011319)
669255.34	4342430.64	4.89823	(12011319)	669476.65	4342430.64	10.13628 (13021118)
669697.96	4342430.64	10.34629	(09012719)	669919.27	4342430.64	11.02159 (11120721)
670140.58	4342430.64	11.90442	(13011419)	670361.89	4342430.64	13.08158 (12050420)
670583.20	4342430.64	18.78556	(09030720)	670804.51	4342430.64	27.93160 (13120521)
671025.82	4342430.64	63.93127	(11010908)	671247.13	4342430.64	29.98519 (11051920)
671468.44	4342430.64	19.32548	(09111517)	671689.75	4342430.64	16.78142 (12041421)
671911.06	4342430.64	14.71407	(12070821)	672132.37	4342430.64	14.72996 (13080820)
672353.68	4342430.64	15.30965	(11121817)	672574.99	4342430.64	8.06059 (10091419)
668148.79	4342595.60	4.50421	(10123020)	668370.10	4342595.60	4.80997 (11121118)
668591.41	4342595.60	5.18703	(12011319)	668812.72	4342595.60	5.35600 (12011319)
669034.03	4342595.60	5.47045	(12011319)	669255.34	4342595.60	5.81114 (12011319)
669476.65	4342595.60	6.06082	(12011319)	669697.96	4342595.60	11.99590 (12020122)
669919.27	4342595.60	12.22826	(13011419)	670140.58	4342595.60	13.77710 (09033019)
670361.89	4342595.60	17.81385	(12010620)	670583.20	4342595.60	17.84860 (10013121)
670804.51	4342595.60	30.04180	(13120522)	671025.82	4342595.60	69.82630 (12010922)
671247.13	4342595.60	37.53744	(09080521)	671468.44	4342595.60	11.91884 (09092922)
671689.75	4342595.60	7.57552	(10010517)	671911.06	4342595.60	7.17641 (09050719)
672132.37	4342595.60	11.10039	(12081720)	672353.68	4342595.60	15.38808 (12081720)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	12.12620 (12081720)	668148.79	4342760.56	5.13594 (09010222)
668370.10	4342760.56	5.80061 (10123020)	668591.41	4342760.56	6.18135 (10121507)
668812.72	4342760.56	6.90618 (12011319)	669034.03	4342760.56	10.10802 (13021307)
669255.34	4342760.56	14.62734 (13010319)	669476.65	4342760.56	8.44020 (12020122)
669697.96	4342760.56	12.93565 (13010319)	669919.27	4342760.56	13.82292 (12020122)
670140.58	4342760.56	13.79440 (13122720)	670361.89	4342760.56	18.10018 (12021920)
670583.20	4342760.56	18.70356 (13020422)	670804.51	4342760.56	58.03173 (13122921)
671025.82	4342760.56	39.61813 (12041421)	671247.13	4342760.56	13.05352 (11121121)
671468.44	4342760.56	8.12455 (09050719)	671689.75	4342760.56	6.39714 (13120717)
671911.06	4342760.56	5.07516 (13120717)	672132.37	4342760.56	6.27512 (09012017)
672353.68	4342760.56	13.74462 (09090320)	672574.99	4342760.56	12.84265 (09092920)
668148.79	4342925.52	5.63294 (09021920)	668370.10	4342925.52	6.44665 (10022221)
668591.41	4342925.52	7.64475 (13010219)	668812.72	4342925.52	8.78826 (10121507)
669034.03	4342925.52	9.76146 (12011319)	669476.65	4342925.52	15.54711 (09012719)
669697.96	4342925.52	16.84904 (10121507)	669919.27	4342925.52	13.66042 (09021920)
670140.58	4342925.52	15.88375 (09020319)	670361.89	4342925.52	21.36596 (12020622)
670583.20	4342925.52	45.84832 (13092719)	670804.51	4342925.52	61.42230 (12111121)
671025.82	4342925.52	11.02244 (11012908)	671247.13	4342925.52	10.98020 (13100819)
671468.44	4342925.52	5.86242 (09012017)	671689.75	4342925.52	5.03485 (09012017)
671911.06	4342925.52	4.11947 (13050720)	672132.37	4342925.52	3.55056 (12080719)
672353.68	4342925.52	7.57619 (11121722)	672574.99	4342925.52	10.42650 (13032919)
668148.79	4343090.48	5.68473 (12013107)	668370.10	4343090.48	6.70996 (12013107)
668591.41	4343090.48	8.86070 (11120619)	669476.65	4343090.48	20.35078 (11010418)
669697.96	4343090.48	26.49256 (12121322)	669919.27	4343090.48	24.48566 (09042621)
670140.58	4343090.48	22.39900 (11121308)	670361.89	4343090.48	50.26217 (09042621)
670583.20	4343090.48	43.41162 (09090320)	670804.51	4343090.48	33.94978 (09090320)
671025.82	4343090.48	8.50806 (11012908)	671247.13	4343090.48	8.18258 (12021921)
671468.44	4343090.48	5.08183 (11071821)	671689.75	4343090.48	3.90612 (10111922)
671911.06	4343090.48	3.47447 (10111922)	672132.37	4343090.48	3.18147 (10111922)
672353.68	4343090.48	2.77172 (10111922)	672574.99	4343090.48	3.69866 (11121722)
668148.79	4343255.44	6.15762 (13020522)	668370.10	4343255.44	7.35518 (13020522)
668591.41	4343255.44	9.50105 (13122120)	669476.65	4343255.44	27.16881 (12013107)
669697.96	4343255.44	75.00886 (09111517)	669919.27	4343255.44	73.14364 (13122317)
670140.58	4343255.44	75.93293 (12013019)	670361.89	4343255.44	44.36196 (12013019)
670583.20	4343255.44	27.04618 (12013019)	670804.51	4343255.44	33.88100 (13122719)
671025.82	4343255.44	7.73302 (13012117)	671247.13	4343255.44	6.24101 (12021921)
671468.44	4343255.44	5.21016 (13090121)	671689.75	4343255.44	3.62009 (09112608)
671911.06	4343255.44	2.93646 (13012708)	672132.37	4343255.44	2.76849 (13012708)

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672353.68 4343255.44 2.60071 (13012708) 672574.99 4343255.44 2.28597 (13012708)
668148.79 4343420.40 6.86525 (09021921) 668370.10 4343420.40 8.12669 (12121507)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** *** 17:19:20

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PAGE 953

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668591.41	4343420.40	9.84071	(12121507)	668812.72	4343420.40	13.58649	(12121918)
669034.03	4343420.40	20.09848	(09010221)	669255.34	4343420.40	32.09907	(10021907)
669476.65	4343420.40	42.39291	(13121220)	669697.96	4343420.40	30.33887	(13121220)
669919.27	4343420.40	34.37894	(13031621)	670140.58	4343420.40	27.33479	(12071720)
670361.89	4343420.40	23.01047	(12071720)	670583.20	4343420.40	18.83980	(13020407)
670804.51	4343420.40	22.89874	(12071720)	671025.82	4343420.40	22.25267	(13010421)
671247.13	4343420.40	9.99780	(13071620)	671468.44	4343420.40	3.92040	(11121121)
671689.75	4343420.40	3.11682	(09122822)	671911.06	4343420.40	2.51761	(10021018)
672132.37	4343420.40	2.27726	(10102517)	672353.68	4343420.40	2.13333	(11051019)
672574.99	4343420.40	1.98248	(10102517)	668148.79	4343585.36	12.41249	(13121207)
668370.10	4343585.36	12.00340	(13120721)	668591.41	4343585.36	10.22083	(10021307)
668812.72	4343585.36	13.62404	(10013121)	669034.03	4343585.36	17.49356	(13121220)
669255.34	4343585.36	20.95192	(12010922)	669476.65	4343585.36	20.68846	(09121907)
669697.96	4343585.36	18.22841	(13120520)	669919.27	4343585.36	17.71756	(13122921)
670140.58	4343585.36	15.87449	(09122607)	670361.89	4343585.36	16.00703	(13052320)
670583.20	4343585.36	16.02983	(13031621)	670804.51	4343585.36	14.91225	(13031621)
671025.82	4343585.36	16.56111	(09010407)	671247.13	4343585.36	10.43340	(13071620)
671468.44	4343585.36	5.45148	(11121121)	671689.75	4343585.36	4.13162	(13082220)
671911.06	4343585.36	2.46571	(09112608)	672132.37	4343585.36	2.23017	(10030721)
672353.68	4343585.36	1.97984	(13021919)	672574.99	4343585.36	1.85462	(13021919)
668148.79	4343750.32	9.75324	(10013121)	668370.10	4343750.32	15.46783	(12010521)
668591.41	4343750.32	16.86151	(11122607)	668812.72	4343750.32	12.59356	(13021622)
669034.03	4343750.32	18.69323	(13123019)	669255.34	4343750.32	16.60425	(09122608)
669476.65	4343750.32	17.45822	(11121121)	669697.96	4343750.32	13.45288	(13120521)
669919.27	4343750.32	12.94602	(09122608)	670140.58	4343750.32	12.98790	(11121722)
670361.89	4343750.32	12.03381	(12011618)	670583.20	4343750.32	13.40831	(12011618)
670804.51	4343750.32	12.48692	(13052320)	671025.82	4343750.32	11.57253	(13052320)
671247.13	4343750.32	10.16584	(12011618)	671468.44	4343750.32	9.24152	(13052320)
671689.75	4343750.32	8.64470	(11021121)	671911.06	4343750.32	8.09469	(09111121)
672132.37	4343750.32	3.44072	(11092319)	672353.68	4343750.32	2.07091	(12063021)
672574.99	4343750.32	1.86878	(11030418)	668148.79	4343915.28	7.04753	(13020221)
668370.10	4343915.28	14.20882	(13121220)	668591.41	4343915.28	14.69693	(12020622)
668812.72	4343915.28	15.30215	(13021622)	669034.03	4343915.28	14.88896	(13022220)

669255.34	4343915.28	13.03407 (09122607)	669476.65	4343915.28	12.14943 (11112017)
669697.96	4343915.28	14.71169 (09121907)	669919.27	4343915.28	10.28545 (09122607)
670140.58	4343915.28	13.82099 (13071420)	670361.89	4343915.28	13.63333 (11022219)
670583.20	4343915.28	11.29535 (11121722)	670804.51	4343915.28	8.05490 (13041019)
671025.82	4343915.28	8.32933 (12011618)	671247.13	4343915.28	9.59512 (12011618)
671468.44	4343915.28	7.43969 (13041019)	671689.75	4343915.28	10.84988 (11021121)
671911.06	4343915.28	7.13050 (13100219)	672132.37	4343915.28	6.00041 (10102018)

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02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 954

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	3.99752	(11092521)	672574.99	4343915.28	2.77692 (12063021)
668148.79	4344080.24	7.71005	(13121220)	668370.10	4344080.24	10.96428 (09120807)
668591.41	4344080.24	12.89455	(13021622)	668812.72	4344080.24	12.99078 (13120521)
669034.03	4344080.24	12.02842	(09120808)	669255.34	4344080.24	10.83466 (10121220)
669476.65	4344080.24	11.15469	(13010421)	669697.96	4344080.24	12.28126 (13082220)
669919.27	4344080.24	12.47192	(11092521)	670140.58	4344080.24	8.96893 (11092319)
670361.89	4344080.24	11.08371	(13071420)	670583.20	4344080.24	10.92914 (12100619)
670804.51	4344080.24	8.92141	(13042320)	671025.82	4344080.24	8.82788 (13010421)
671247.13	4344080.24	7.06870	(11121722)	671468.44	4344080.24	8.76899 (11121722)
671689.75	4344080.24	7.95694	(09080521)	671911.06	4344080.24	3.26962 (13082220)
672132.37	4344080.24	2.36086	(09112608)	672353.68	4344080.24	2.26348 (11092319)
672574.99	4344080.24	1.88678	(12063021)	671464.71	4342094.27	30.57333 (13120120)
671482.23	4342063.91	33.91745	(13120120)	671498.58	4342030.05	35.60154 (13120120)
671513.75	4341991.52	38.02452	(10031019)	671541.78	4341964.66	37.46670 (10031019)
671575.64	4341974.00	33.33152	(13120120)	671460.75	4342162.97	23.49746 (11092622)
671451.00	4342187.35	23.23729	(11092622)	671510.73	4342219.66	22.67325 (09042621)
671524.14	4342192.84	20.53754	(09042621)	671522.92	4342250.74	23.02990 (13052920)
671599.11	4342252.57	20.48535	(10091119)	671627.76	4342256.84	20.84617 (10091119)
671583.88	4342116.03	17.43278	(11051920)	671595.46	4342071.54	18.27867 (11051920)
671663.12	4342056.30	22.35720	(09042621)	671600.94	4342030.09	23.03807 (11092622)
671526.58	4342155.65	19.53883	(11051920)	671628.98	4342292.19	20.96084 (10091119)
671641.78	4341980.71	29.28953	(11092622)	671666.77	4342018.51	26.10186 (11051920)
671407.11	4342219.66	27.60090	(11092622)	671415.64	4342183.08	28.83067 (11092622)
671635.08	4341706.42	23.44144	(13120120)	671693.59	4341710.08	20.23774 (13120120)
671719.80	4341736.29	18.70995	(13120120)	671673.48	4341630.23	18.23371 (13120120)
671888.04	4341936.22	19.76308	(09042621)	671977.64	4341952.07	20.08723 (10091119)
672039.21	4341894.77	18.14752	(13052220)	671858.17	4341753.96	15.21861 (11051920)
671922.78	4341634.49	17.45374	(13120120)	671613.74	4341791.15	25.34135 (10022220)

671853.29	4341730.80	15.27876	(11051920)	671783.81	4341585.73	16.39346	(13120120)
671783.20	4341546.72	16.35294	(13120120)	671769.18	4341461.38	16.23415	(11010418)
671800.87	4341420.54	18.34446	(11010418)	671880.11	4341427.25	21.40772	(10031019)
672012.39	4341504.66	20.37626	(13100619)	672084.31	4341547.94	21.11733	(11092622)
671915.47	4341478.45	21.24846	(13120120)	671903.28	4341564.40	18.77807	(13120120)
671863.05	4341522.34	18.62572	(13120120)	671830.13	4341336.43	19.40556	(11010418)
671835.62	4341287.66	19.74159	(11010418)	671825.87	4341275.47	19.48388	(11010418)
672136.73	4341370.56	11.87112	(12092719)	671920.34	4341307.17	24.02235	(11010418)
671695.42	4341257.19	23.90295	(13011419)	671682.01	4341176.12	23.93531	(11123117)
671991.66	4341196.23	22.33807	(11010418)	672022.14	4341231.59	22.64373	(11010418)
671992.27	4341177.95	21.56178	(09033019)	671540.60	4341238.29	19.76014	(11120721)
671575.34	4341177.95	16.28114	(11120721)	671454.65	4341196.23	17.43147	(11033119)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
 L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
 L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
 L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

671523.53	4341116.38	13.61362	(10090519)	671413.20	4341126.74	15.22119	(12051020)
671471.11	4341064.57	12.80645	(12020122)	671601.55	4341050.55	20.05244	(11120721)
671198.64	4341253.53	12.18917	(12062621)	671278.49	4341212.08	15.56264	(09030720)
671230.34	4341132.84	11.54639	(09102121)	671073.08	4341271.82	9.42968	(11122708)
671122.45	4341373.61	13.38058	(12091321)	671118.79	4341397.38	14.44854	(13011918)
670978.40	4341324.15	10.12313	(13022821)	670932.85	4341394.21	11.97408	(13120119)
670935.19	4341367.36	11.58681	(13120119)	671108.01	4340976.17	10.33913	(10042420)
671286.67	4340978.51	10.82349	(12081721)	671675.37	4342488.78	12.05297	(13052820)
671091.40	4342277.23	63.48593	(13021621)	671051.75	4342332.07	52.97240	(09012719)
671051.75	4342369.20	65.71743	(09012719)	670953.04	4342360.76	37.05624	(13021619)
670695.71	4342235.89	17.05607	(11120721)	670545.53	4342318.58	13.28036	(12050420)
670711.74	4342488.16	25.60768	(12021920)	670648.30	4342501.73	20.93299	(12010518)
670648.30	4342630.87	13.07768	(12121508)	670806.29	4342728.41	46.96235	(13022220)
670688.15	4342739.41	13.81153	(12011719)	670804.92	4342427.55	27.28959	(13020619)
670439.48	4342471.51	14.09629	(12050420)	670358.43	4342578.67	16.85169	(12010620)
670546.64	4342662.47	20.35016	(10021907)	670537.03	4342595.15	18.07486	(12010518)
670483.45	4342776.50	22.09267	(13120522)	670508.17	4342754.52	21.64581	(13120522)
670517.79	4342868.54	27.19372	(09120807)	670545.27	4342850.69	24.19737	(10013107)
670582.36	4342878.16	32.00275	(13021622)	670304.85	4342688.57	14.91338	(13021307)
670039.70	4342661.10	14.82374	(13011419)	670156.48	4342673.46	13.90390	(12121322)
670236.16	4342648.73	16.54962	(13020607)	670071.30	4342738.03	15.75452	(12020121)
669990.24	4342753.14	13.90138	(12020122)	669928.42	4342742.15	14.65455	(10020121)
669815.77	4342673.46	13.23292	(12020122)	669742.96	4342655.60	12.29412	(09030720)

669791.04	4342744.90	12.80438	(09102121)	669696.25	4342731.16	12.62990	(12021719)
669536.88	4342552.57	5.89415	(12011319)	671174.86	4342280.21	74.35344	(11092521)
671068.38	4342169.93	65.20586	(13120522)	670965.71	4342179.44	46.86581	(13121220)
670815.50	4342198.45	20.66450	(12121507)	670737.55	4342097.68	15.76784	(09021920)
670762.27	4342069.16	16.63041	(09010222)	670817.40	4342040.64	19.19065	(10121507)
670895.36	4342025.43	24.96407	(12011319)	670979.02	4341915.15	22.47027	(13021307)
671115.92	4341863.81	23.93302	(12010620)	671199.58	4341770.65	16.14817	(10020121)
671222.39	4341377.07	23.24970	(12081721)	671714.84	4341392.28	19.11620	(11010418)
671366.89	4341998.81	30.69645	(13052920)	671226.19	4342236.48	52.11642	(10022220)
669098.44	4343411.59	22.93826	(13120721)	668908.63	4343364.56	15.53843	(12121507)
668851.52	4343359.52	13.95097	(11122522)	668831.37	4343371.27	13.51920	(12121507)
668733.94	4343302.41	11.53452	(13020522)	668686.91	4343199.95	10.35631	(09020319)
668671.79	4343089.09	9.36722	(09021920)	668806.17	4343001.74	9.53676	(10123020)
668918.71	4343025.26	11.14798	(10121507)	669024.53	4342942.95	10.04002	(12011319)
669288.24	4342916.08	16.65696	(12010620)	669333.59	4342922.80	15.63000	(13021118)
669365.51	4342978.23	16.65267	(09012719)	669336.95	4343151.23	19.26010	(10123020)
669303.36	4343304.09	58.52569	(09010222)	669222.73	4343235.22	44.89969	(13011407)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP3 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

669135.39 4343305.77 29.11247 (13020522)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	40.54504	(11120408)	668370.10	4340781.04	43.25180 (13121008)
668591.41	4340781.04	42.41922	(13121008)	668812.72	4340781.04	39.00800 (11122708)
669034.03	4340781.04	40.08075	(11122708)	669255.34	4340781.04	20.61784 (11122708)
669476.65	4340781.04	17.97419	(09010608)	669697.96	4340781.04	13.10898 (12021708)
669919.27	4340781.04	13.07564	(12021708)	670140.58	4340781.04	8.11912 (10123008)
670361.89	4340781.04	12.54248	(10123008)	670583.20	4340781.04	10.94411 (10123008)
670804.51	4340781.04	5.91684	(10123008)	671025.82	4340781.04	4.69372 (13122109)
671247.13	4340781.04	3.81186	(13122109)	671468.44	4340781.04	2.53736 (12022509)
671689.75	4340781.04	2.56615	(12022509)	671911.06	4340781.04	2.35321 (10072608)
672132.37	4340781.04	3.57768	(13022308)	672353.68	4340781.04	7.02087 (13022308)
672574.99	4340781.04	9.90770	(13022308)	668148.79	4340946.00	34.99518 (13121008)
668370.10	4340946.00	72.72648	(13121008)	668591.41	4340946.00	68.52460 (13121008)
668812.72	4340946.00	56.51995	(11122708)	669034.03	4340946.00	36.81187 (11122708)
669255.34	4340946.00	24.81012	(11122708)	669476.65	4340946.00	18.74978 (09010608)
669697.96	4340946.00	14.36623	(12021708)	669919.27	4340946.00	12.50838 (12021708)
670140.58	4340946.00	11.97419	(10123008)	670361.89	4340946.00	14.27430 (10123008)
670583.20	4340946.00	10.23047	(10123008)	670804.51	4340946.00	5.18212 (13122109)
671025.82	4340946.00	4.67451	(13122109)	671247.13	4340946.00	3.09862 (13122109)
671468.44	4340946.00	2.72694	(12022509)	671689.75	4340946.00	2.48228 (12022509)
671911.06	4340946.00	5.11652	(13022308)	672132.37	4340946.00	6.57041 (13022308)
672353.68	4340946.00	10.11095	(13022308)	672574.99	4340946.00	12.07874 (13022308)
668148.79	4341110.96	34.23734	(13011308)	668370.10	4341110.96	72.11170 (13121008)
668591.41	4341110.96	74.09041	(13121008)	668812.72	4341110.96	50.35228 (11122708)
669034.03	4341110.96	48.47714	(11122708)	669255.34	4341110.96	44.01111 (11122708)
669476.65	4341110.96	18.99663	(09010608)	669697.96	4341110.96	15.79173 (12021708)
669919.27	4341110.96	13.30245	(12021708)	670140.58	4341110.96	14.26693 (10123008)
670361.89	4341110.96	13.68992	(10123008)	670583.20	4341110.96	6.80670 (10123008)
670804.51	4341110.96	5.62331	(13122109)	671025.82	4341110.96	4.06949 (13122109)
671247.13	4341110.96	2.89802	(12022509)	671468.44	4341110.96	2.68104 (12022509)
671689.75	4341110.96	5.97465	(13022308)	671911.06	4341110.96	9.32190 (13022308)
672132.37	4341110.96	10.12605	(13022308)	672353.68	4341110.96	11.45249 (13022308)
672574.99	4341110.96	12.13588	(13022308)	668148.79	4341275.92	76.03160 (11120408)
668370.10	4341275.92	75.58563	(13121008)	668591.41	4341275.92	67.65665 (13121008)
668812.72	4341275.92	36.76185	(13121008)	669034.03	4341275.92	22.43839 (11122708)
669255.34	4341275.92	21.66150	(09010608)	669476.65	4341275.92	19.09185 (09010608)
669697.96	4341275.92	17.97759	(12021708)	669919.27	4341275.92	11.88543 (10123008)
670140.58	4341275.92	14.83716	(10123008)	670361.89	4341275.92	10.97665 (10123008)
670583.20	4341275.92	6.54573	(13122109)	670804.51	4341275.92	5.28606 (13122109)
671025.82	4341275.92	3.09558	(12022509)	671247.13	4341275.92	2.90450 (12022509)
671468.44	4341275.92	6.73332	(13022308)	671689.75	4341275.92	11.16414 (13022308)

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*** AERMET - VERSION 14134 *** *** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	13.69298	(13022308)	672132.37	4341275.92	12.36220 (13022308)
672353.68	4341275.92	10.32550	(13022308)	672574.99	4341275.92	9.93973 (13022308)
668148.79	4341440.88	90.64904	(11120408)	668370.10	4341440.88	71.98137 (11120408)
668591.41	4341440.88	61.61249	(13121008)	668812.72	4341440.88	30.80178 (13121008)
669034.03	4341440.88	24.04862	(11122708)	669255.34	4341440.88	27.49617 (11122708)
669476.65	4341440.88	18.55535	(09010608)	669697.96	4341440.88	18.28741 (12021708)
669919.27	4341440.88	14.59362	(10123008)	670140.58	4341440.88	14.70009 (10123008)
670361.89	4341440.88	7.56979	(10123008)	670583.20	4341440.88	6.74603 (13122109)
670804.51	4341440.88	4.19831	(13122109)	671025.82	4341440.88	3.18788 (12022509)
671689.75	4341440.88	16.20384	(13022308)	671911.06	4341440.88	15.40239 (13022308)
672132.37	4341440.88	11.27150	(13022308)	672353.68	4341440.88	8.42772 (13022308)
672574.99	4341440.88	7.11931	(13022308)	668148.79	4341605.84	72.65933 (13012808)
668370.10	4341605.84	53.63152	(11120408)	668591.41	4341605.84	39.52798 (13121008)
668812.72	4341605.84	35.69625	(13121008)	669034.03	4341605.84	32.53963 (11122708)
669255.34	4341605.84	27.05427	(11122708)	669476.65	4341605.84	20.08079 (12021708)
669697.96	4341605.84	17.74117	(12021708)	669919.27	4341605.84	16.82248 (10123008)
670140.58	4341605.84	13.20103	(10123008)	670361.89	4341605.84	8.35038 (13122109)
670583.20	4341605.84	5.83723	(13122109)	670804.51	4341605.84	3.81698 (13022308)
671025.82	4341605.84	8.10998	(13022308)	671689.75	4341605.84	17.43008 (13022308)
671911.06	4341605.84	13.59804	(13022308)	672132.37	4341605.84	8.61079 (13022308)
672353.68	4341605.84	7.56565	(10121008)	672574.99	4341605.84	7.55463 (10121008)
668148.79	4341770.80	112.93181	(13012808)	668370.10	4341770.80	45.89468 (13012808)
668591.41	4341770.80	60.88475	(13121008)	668812.72	4341770.80	52.88256 (13121008)
669034.03	4341770.80	35.14479	(11122708)	669255.34	4341770.80	23.72899 (09010608)
669476.65	4341770.80	20.44042	(12021708)	669697.96	4341770.80	15.32642 (10123008)
669919.27	4341770.80	17.54003	(10123008)	670140.58	4341770.80	9.88527 (13122109)
670361.89	4341770.80	8.04134	(13122109)	670583.20	4341770.80	4.09240 (13122109)
670804.51	4341770.80	11.48570	(13022308)	671025.82	4341770.80	18.00767 (13022308)
671689.75	4341770.80	13.49341	(13022308)	671911.06	4341770.80	8.89745 (13022308)
672132.37	4341770.80	8.41967	(10121008)	672353.68	4341770.80	7.69379 (10121008)
672574.99	4341770.80	7.38437	(10121008)	668148.79	4341935.76	41.35746 (13012808)
668370.10	4341935.76	125.04103	(11120408)	668591.41	4341935.76	74.85008 (11120408)
668812.72	4341935.76	38.76163	(13121008)	669034.03	4341935.76	27.99325 (11122708)
669255.34	4341935.76	22.72098	(09010609)	669476.65	4341935.76	19.51655 (12021708)
669697.96	4341935.76	17.58002	(10123008)	669919.27	4341935.76	15.04664 (10123008)
670140.58	4341935.76	10.89096	(13122109)	670361.89	4341935.76	6.17178 (13122109)
670583.20	4341935.76	12.74912	(13022308)	670804.51	4341935.76	23.29248 (13022308)
671468.44	4341935.76	12.47031	(13022308)	671689.75	4341935.76	10.20371 (10121008)
671911.06	4341935.76	9.85075	(10121008)	672132.37	4341935.76	8.14461 (10121008)
672353.68	4341935.76	6.73926	(12111008)	672574.99	4341935.76	6.47957 (12111008)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668148.79	4342100.72	81.51630	(13012808)	668370.10	4342100.72	93.77528	(12120808)
668591.41	4342100.72	44.23612	(13012808)	668812.72	4342100.72	38.38821	(13121008)
669034.03	4342100.72	27.03423	(11122708)	669255.34	4342100.72	26.27332	(09010609)
669476.65	4342100.72	20.90635	(12021708)	669697.96	4342100.72	20.98850	(10123008)
669919.27	4342100.72	14.47497	(13122109)	670140.58	4342100.72	9.61411	(13122109)
670361.89	4342100.72	16.80064	(13022308)	670583.20	4342100.72	28.46696	(13022308)
671468.44	4342100.72	10.98804	(10121008)	671689.75	4342100.72	10.04898	(10121008)
671911.06	4342100.72	8.63625	(10121008)	672132.37	4342100.72	7.54544	(12111008)
672353.68	4342100.72	6.29789	(12111008)	672574.99	4342100.72	5.60448	(12111008)
668148.79	4342265.68	149.49866	(12120808)	668370.10	4342265.68	87.98232	(12120708)
668591.41	4342265.68	138.45423	(13012808)	668812.72	4342265.68	108.76037	(13121008)
669034.03	4342265.68	93.88518	(13121008)	669255.34	4342265.68	42.21286	(11122708)
669476.65	4342265.68	33.39824	(10123008)	669697.96	4342265.68	25.97746	(10123008)
669919.27	4342265.68	15.55933	(13122109)	670140.58	4342265.68	21.84465	(13022308)
670361.89	4342265.68	34.78805	(13022308)	670583.20	4342265.68	32.54657	(13022308)
670804.51	4342265.68	23.18401	(13022308)	671025.82	4342265.68	14.59592	(10121008)
671247.13	4342265.68	13.19102	(10121008)	671468.44	4342265.68	10.10945	(12111008)
671689.75	4342265.68	8.99235	(12111008)	671911.06	4342265.68	7.60437	(12111008)
672132.37	4342265.68	6.27213	(12111008)	672353.68	4342265.68	4.96232	(12111008)
672574.99	4342265.68	4.16107	(12111008)	668148.79	4342430.64	50.70646	(10122708)
668370.10	4342430.64	146.35942	(13012808)	668591.41	4342430.64	70.46326	(13012808)
668812.72	4342430.64	77.33302	(13121008)	669034.03	4342430.64	83.51391	(11122708)
669255.34	4342430.64	63.59026	(11122708)	669476.65	4342430.64	57.88856	(10123008)
669697.96	4342430.64	36.20487	(10123008)	669919.27	4342430.64	37.25710	(13022308)
670140.58	4342430.64	44.89008	(13022308)	670361.89	4342430.64	37.97300	(13022308)
670583.20	4342430.64	20.14989	(13022308)	670804.51	4342430.64	17.41218	(10121008)
671025.82	4342430.64	13.88035	(10121008)	671247.13	4342430.64	10.63782	(12111008)
671468.44	4342430.64	8.55067	(12111008)	671689.75	4342430.64	6.68834	(12111008)
671911.06	4342430.64	5.17226	(12111008)	672132.37	4342430.64	4.45238	(12111009)
672353.68	4342430.64	4.22996	(12111009)	672574.99	4342430.64	3.99851	(12111009)
668148.79	4342595.60	66.40597	(10020808)	668370.10	4342595.60	71.05138	(10122708)
668591.41	4342595.60	84.91098	(12120808)	668812.72	4342595.60	98.57467	(13121008)
669034.03	4342595.60	110.92806	(11122708)	669255.34	4342595.60	85.39851	(11122708)
669476.65	4342595.60	30.45864	(11122708)	669697.96	4342595.60	53.74120	(13022308)
669919.27	4342595.60	55.92627	(13022308)	670140.58	4342595.60	43.69591	(13022308)
670361.89	4342595.60	24.74043	(10121008)	670583.20	4342595.60	16.49524	(12111008)
670804.51	4342595.60	14.02802	(12111008)	671025.82	4342595.60	11.20850	(12111008)
671247.13	4342595.60	7.91533	(12111008)	671468.44	4342595.60	6.34234	(12111009)
671689.75	4342595.60	5.87720	(12111009)	671911.06	4342595.60	5.33565	(12111009)
672132.37	4342595.60	4.75234	(12111009)	672353.68	4342595.60	4.19036	(12111009)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	3.74110 (12111009)	668148.79	4342760.56	95.67142 (10020808)
668370.10	4342760.56	216.59088 (10122708)	668591.41	4342760.56	116.71733 (12120808)
668812.72	4342760.56	213.74757 (11122708)	669034.03	4342760.56	218.77560 (11120408)
669255.34	4342760.56	177.84050 (11122708)	669476.65	4342760.56	68.12338 (13022308)
669697.96	4342760.56	67.63831 (13022308)	669919.27	4342760.56	44.22985 (13022308)
670140.58	4342760.56	24.76882 (12111008)	670361.89	4342760.56	18.73461 (12111008)
670583.20	4342760.56	11.91944 (12111008)	670804.51	4342760.56	9.89342 (12111009)
671025.82	4342760.56	8.57393 (12111009)	671247.13	4342760.56	7.41951 (12111009)
671468.44	4342760.56	6.31398 (12111009)	671689.75	4342760.56	5.33808 (12111009)
671911.06	4342760.56	4.52002 (12111009)	672132.37	4342760.56	4.20507 (13010611)
672353.68	4342760.56	6.00606 (13012708)	672574.99	4342760.56	6.73446 (13012708)
668148.79	4342925.52	132.92643 (10020808)	668370.10	4342925.52	225.61018 (10020808)
668591.41	4342925.52	289.78593 (10020808)	668812.72	4342925.52	323.49834 (11120408)
669034.03	4342925.52	337.16365 (13012808)	669476.65	4342925.52	139.26813 (13022308)
669697.96	4342925.52	43.29551 (12111008)	669919.27	4342925.52	25.74637 (12111008)
670140.58	4342925.52	18.94705 (12111009)	670361.89	4342925.52	14.50727 (13012708)
670583.20	4342925.52	16.72360 (13012708)	670804.51	4342925.52	14.90467 (13012708)
671025.82	4342925.52	10.52192 (13012708)	671247.13	4342925.52	10.53133 (13012708)
671468.44	4342925.52	9.23542 (13012708)	671689.75	4342925.52	8.96189 (13012708)
671911.06	4342925.52	8.42079 (13012708)	672132.37	4342925.52	7.93445 (13012708)
672353.68	4342925.52	10.41298 (13012708)	672574.99	4342925.52	12.18622 (13012708)
668148.79	4343090.48	101.90275 (09020208)	668370.10	4343090.48	153.54443 (09020208)
668591.41	4343090.48	410.59260 (09020208)	669476.65	4343090.48	158.53835 (13012708)
669697.96	4343090.48	100.58580 (13012708)	669919.27	4343090.48	62.15365 (13012708)
670140.58	4343090.48	40.49520 (13012708)	670361.89	4343090.48	44.42718 (13012708)
670583.20	4343090.48	44.45112 (13012708)	670804.51	4343090.48	30.51296 (13012708)
671025.82	4343090.48	20.11838 (13012708)	671247.13	4343090.48	18.69177 (13012708)
671468.44	4343090.48	16.52907 (13012708)	671689.75	4343090.48	15.04952 (13012708)
671911.06	4343090.48	13.84865 (13012708)	672132.37	4343090.48	12.84519 (13012708)
672353.68	4343090.48	11.79925 (13012708)	672574.99	4343090.48	12.92725 (13012708)
668148.79	4343255.44	103.97945 (13020108)	668370.10	4343255.44	156.77550 (11121308)
668591.41	4343255.44	286.37198 (11121308)	669476.65	4343255.44	126.66343 (10112508)
669697.96	4343255.44	81.11879 (10112508)	669919.27	4343255.44	53.39783 (13012708)
670140.58	4343255.44	44.56192 (13012708)	670361.89	4343255.44	45.01677 (13012708)
670583.20	4343255.44	42.01919 (13012708)	670804.51	4343255.44	32.01820 (13012708)
671025.82	4343255.44	17.11804 (13012708)	671247.13	4343255.44	15.77411 (13012708)
671468.44	4343255.44	14.52813 (13012708)	671689.75	4343255.44	12.89922 (13012708)
671911.06	4343255.44	11.74635 (13012708)	672132.37	4343255.44	11.32104 (13012708)

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672353.68 4343255.44 10.75536 (13012708) 672574.99 4343255.44 9.86342 (13012708)
668148.79 4343420.40 114.74057 (11121308) 668370.10 4343420.40 146.28655 (14010208)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP4 ***
    INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
    L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
    L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
    L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
668591.41 4343420.40 205.79669 (13123008) 668812.72 4343420.40 291.10088 (09122608)
669034.03 4343420.40 305.85265 (11010908) 669255.34 4343420.40 154.34904 (11012908)
669476.65 4343420.40 97.62256 (10112508) 669697.96 4343420.40 81.94984 (10112508)
669919.27 4343420.40 76.81580 (10112508) 670140.58 4343420.40 76.13633 (10112508)
670361.89 4343420.40 46.50091 (10112508) 670583.20 4343420.40 33.11711 (13011508)
670804.51 4343420.40 26.16963 (13011508) 671025.82 4343420.40 16.77666 (13011508)
671247.13 4343420.40 13.81799 (13011508) 671468.44 4343420.40 11.05247 (13011508)
671689.75 4343420.40 9.38054 (13011508) 671911.06 4343420.40 7.86270 (13011508)
672132.37 4343420.40 6.69276 (13011508) 672353.68 4343420.40 5.72367 (13011508)
672574.99 4343420.40 4.88300 (13012708) 668148.79 4343585.36 201.65610 (12121508)
668370.10 4343585.36 223.81136 (10011008) 668591.41 4343585.36 164.22970 (12012908)
668812.72 4343585.36 232.73044 (09122608) 669034.03 4343585.36 204.57831 (11010908)
669255.34 4343585.36 126.78826 (11012908) 669476.65 4343585.36 86.91485 (09112608)
669697.96 4343585.36 89.25566 (10112508) 669919.27 4343585.36 99.47757 (10112508)
670140.58 4343585.36 94.50722 (10112508) 670361.89 4343585.36 77.82213 (10112508)
670583.20 4343585.36 55.91238 (10112508) 670804.51 4343585.36 30.75101 (10112508)
671025.82 4343585.36 18.40611 (13011508) 671247.13 4343585.36 11.57894 (13011508)
671468.44 4343585.36 10.78260 (13011508) 671689.75 4343585.36 10.37107 (13011508)
671911.06 4343585.36 9.35515 (13011508) 672132.37 4343585.36 8.71835 (13011508)
672353.68 4343585.36 8.00836 (13011508) 672574.99 4343585.36 7.35778 (13011508)
668148.79 4343750.32 192.31118 (10011008) 668370.10 4343750.32 121.72099 (11121108)
668591.41 4343750.32 150.97671 (09120808) 668812.72 4343750.32 188.18338 (09121008)
669034.03 4343750.32 58.71410 (10110908) 669255.34 4343750.32 63.84388 (09112608)
669476.65 4343750.32 87.40072 (09112608) 669697.96 4343750.32 51.37739 (09021308)
669919.27 4343750.32 54.59037 (10112508) 670140.58 4343750.32 70.86408 (10112508)
670361.89 4343750.32 70.93049 (10112508) 670583.20 4343750.32 71.02185 (10112508)
670804.51 4343750.32 58.65280 (10112508) 671025.82 4343750.32 40.20647 (10112508)
671247.13 4343750.32 14.51777 (10112508) 671468.44 4343750.32 9.36540 (13011508)
671689.75 4343750.32 10.07185 (13011508) 671911.06 4343750.32 8.14704 (13011508)
672132.37 4343750.32 7.29581 (13011508) 672353.68 4343750.32 6.86364 (13011508)
672574.99 4343750.32 7.04175 (13011508) 668148.79 4343915.28 161.12118 (11121108)
668370.10 4343915.28 119.59542 (12012908) 668591.41 4343915.28 78.25908 (11122808)
668812.72 4343915.28 78.88718 (09121008) 669034.03 4343915.28 46.57981 (10110908)

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669255.34	4343915.28	41.48104 (09112608)	669476.65	4343915.28	59.66188 (09112608)
669697.96	4343915.28	52.65802 (09112608)	669919.27	4343915.28	39.43610 (09021308)
670140.58	4343915.28	39.72173 (13120708)	670361.89	4343915.28	37.27629 (10112508)
670583.20	4343915.28	47.69453 (10112508)	670804.51	4343915.28	51.91485 (10112508)
671025.82	4343915.28	40.10251 (10112508)	671247.13	4343915.28	42.97671 (10112508)
671468.44	4343915.28	18.40196 (10112508)	671689.75	4343915.28	9.55498 (10112508)
671911.06	4343915.28	4.29835 (10112508)	672132.37	4343915.28	3.99880 (13011508)

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
 L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
 L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
 L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

672353.68	4343915.28	4.33709	(13011508)	672574.99	4343915.28	4.59514	(13011508)
668148.79	4344080.24	154.99163	(12012908)	668370.10	4344080.24	141.89982	(09122608)
668591.41	4344080.24	83.67524	(10121308)	668812.72	4344080.24	49.78558	(11010908)
669034.03	4344080.24	37.90713	(10110908)	669255.34	4344080.24	26.31323	(09112608)
669476.65	4344080.24	64.64084	(09112608)	669697.96	4344080.24	59.96211	(09112608)
669919.27	4344080.24	36.27452	(09021308)	670140.58	4344080.24	35.27620	(09021308)
670361.89	4344080.24	31.53321	(13120708)	670583.20	4344080.24	31.74902	(13120708)
670804.51	4344080.24	26.40717	(13120708)	671025.82	4344080.24	18.36328	(10112508)
671247.13	4344080.24	34.36209	(10112508)	671468.44	4344080.24	33.13678	(10112508)
671689.75	4344080.24	14.01571	(10112508)	671911.06	4344080.24	7.24581	(10112508)
672132.37	4344080.24	3.99476	(10112508)	672353.68	4344080.24	2.56754	(12101210)
672574.99	4344080.24	2.64131	(12101210)	671464.71	4342094.27	11.03459	(10121008)
671482.23	4342063.91	10.95261	(10121008)	671498.58	4342030.05	10.73485	(10121008)
671513.75	4341991.52	10.42135	(10121008)	671541.78	4341964.66	10.16308	(10121008)
671575.64	4341974.00	10.20374	(10121008)	671460.75	4342162.97	10.87060	(10121008)
671451.00	4342187.35	10.80133	(10121008)	671510.73	4342219.66	10.01237	(10121008)
671524.14	4342192.84	10.14725	(10121008)	671522.92	4342250.74	9.81423	(12111008)
671599.11	4342252.57	9.48180	(12111008)	671627.76	4342256.84	9.34461	(12111008)
671583.88	4342116.03	10.11183	(10121008)	671595.46	4342071.54	10.21918	(10121008)
671663.12	4342056.30	10.29907	(10121008)	671600.94	4342030.09	10.36273	(10121008)
671526.58	4342155.65	10.33881	(10121008)	671628.98	4342292.19	9.15781	(12111008)
671641.78	4341980.71	10.30938	(10121008)	671666.77	4342018.51	10.39681	(10121008)
671407.11	4342219.66	11.08127	(10121008)	671415.64	4342183.08	11.26531	(10121008)
671635.08	4341706.42	16.52977	(13022308)	671693.59	4341710.08	15.45597	(13022308)
671719.80	4341736.29	14.26103	(13022308)	671673.48	4341630.23	17.35437	(13022308)
671888.04	4341936.22	9.96050	(10121008)	671977.64	4341952.07	9.42852	(10121008)
672039.21	4341894.77	9.09384	(10121008)	671858.17	4341753.96	10.88655	(13022308)
671922.78	4341634.49	12.63709	(13022308)	671613.74	4341791.15	14.41026	(13022308)

671853.29	4341730.80	11.70370 (13022308)	671783.81	4341585.73	16.38936 (13022308)
671783.20	4341546.72	16.70579 (13022308)	671769.18	4341461.38	16.59926 (13022308)
671800.87	4341420.54	16.09631 (13022308)	671880.11	4341427.25	15.69704 (13022308)
672012.39	4341504.66	12.51650 (13022308)	672084.31	4341547.94	10.73221 (13022308)
671915.47	4341478.45	15.21626 (13022308)	671903.28	4341564.40	14.53912 (13022308)
671863.05	4341522.34	15.79019 (13022308)	671830.13	4341336.43	14.78513 (13022308)
671835.62	4341287.66	13.74666 (13022308)	671825.87	4341275.47	13.35705 (13022308)
672136.73	4341370.56	11.80037 (13022308)	671920.34	4341307.17	14.14413 (13022308)
671695.42	4341257.19	10.60510 (13022308)	671682.01	4341176.12	7.53428 (13022308)
671991.66	4341196.23	12.54000 (13022308)	672022.14	4341231.59	13.21917 (13022308)
671992.27	4341177.95	11.88005 (13022308)	671540.60	4341238.29	5.99350 (13022308)
671575.34	4341177.95	4.68912 (13022308)	671454.65	4341196.23	3.56809 (13022308)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP4 ***

INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

671523.53	4341116.38	2.66539 (13022308)	671413.20	4341126.74	2.75434 (12022509)
671471.11	4341064.57	2.71633 (12022509)	671601.55	4341050.55	2.96632 (13022308)
671198.64	4341253.53	2.99121 (12022509)	671278.49	4341212.08	2.89786 (12022509)
671230.34	4341132.84	2.92169 (12022509)	671073.08	4341271.82	3.09151 (12022509)
671122.45	4341373.61	3.05267 (12022509)	671118.79	4341397.38	3.13035 (13022308)
670978.40	4341324.15	3.16178 (12022509)	670932.85	4341394.21	3.26410 (12022509)
670935.19	4341367.36	3.25887 (13122109)	671108.01	4340976.17	4.03693 (13122109)
671286.67	4340978.51	2.73185 (12022509)	671675.37	4342488.78	5.54638 (12111008)
671091.40	4342277.23	14.39131 (10121008)	671051.75	4342332.07	14.36529 (10121008)
671051.75	4342369.20	14.12750 (10121008)	670953.04	4342360.76	15.29640 (10121008)
670695.71	4342235.89	28.53720 (13022308)	670545.53	4342318.58	32.57414 (13022308)
670711.74	4342488.16	17.09238 (10121008)	670648.30	4342501.73	17.55828 (10121008)
670648.30	4342630.87	14.33257 (12111008)	670806.29	4342728.41	9.60967 (12111008)
670688.15	4342739.41	10.30160 (12111009)	670804.92	4342427.55	17.45734 (10121008)
670439.48	4342471.51	28.97064 (13022308)	670358.43	4342578.67	24.93598 (10121008)
670546.64	4342662.47	16.61910 (12111008)	670537.03	4342595.15	17.54827 (10121008)
670483.45	4342776.50	13.93509 (12111008)	670508.17	4342754.52	14.29115 (12111008)
670517.79	4342868.54	12.73072 (12111009)	670545.27	4342850.69	12.46459 (12111009)
670582.36	4342878.16	11.91439 (12111009)	670304.85	4342688.57	22.86701 (10121008)
670039.70	4342661.10	47.78999 (13022308)	670156.48	4342673.46	30.00306 (10121008)
670236.16	4342648.73	27.43881 (10121008)	670071.30	4342738.03	31.44397 (10121008)
669990.24	4342753.14	35.41172 (10121008)	669928.42	4342742.15	47.96674 (13022308)
669815.77	4342673.46	67.36534 (13022308)	669742.96	4342655.60	65.49414 (13022308)

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669791.04 4342744.90 62.70772 (13022308) 669696.25 4342731.16 68.73026 (13022308)
669536.88 4342552.57 27.14362 (13122109) 671174.86 4342280.21 13.85814 (10121008)
671068.38 4342169.93 16.01098 (13022308) 670965.71 4342179.44 19.76731 (13022308)
670815.50 4342198.45 26.07034 (13022308) 670737.55 4342097.68 28.61879 (13022308)
670762.27 4342069.16 27.86559 (13022308) 670817.40 4342040.64 27.05146 (13022308)
670895.36 4342025.43 26.28295 (13022308) 670979.02 4341915.15 24.06548 (13022308)
671115.92 4341863.81 22.89441 (13022308) 671199.58 4341770.65 21.14953 (13022308)
671222.39 4341377.07 4.74140 (13022308) 671714.84 4341392.28 15.23487 (13022308)
671366.89 4341998.81 13.77650 (13022308) 671226.19 4342236.48 13.58836 (10121008)
669098.44 4343411.59 287.02803 (11012908) 668908.63 4343364.56 386.58240 (09122608)
668851.52 4343359.52 376.26514 (09120808) 668831.37 4343371.27 344.20270 (09120808)
668733.94 4343302.41 424.49794 (12121508) 668686.91 4343199.95 485.57134 (12011208)
668671.79 4343089.09 519.99565 (10020808) 668806.17 4343001.74 458.73919 (13011308)
668918.71 4343025.26 414.20381 (13011308) 669024.53 4342942.95 384.26205 (11122708)
669288.24 4342916.08 253.71358 (11122708) 669333.59 4342922.80 185.88011 (13022308)
669365.51 4342978.23 219.94405 (13022308) 669336.95 4343151.23 233.23945 (13012708)
669303.36 4343304.09 261.70793 (10112508) 669222.73 4343235.22 297.98692 (11012908)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** *** 17:19:20
PAGE 964
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP4 ***
INCLUDING SOURCE(S): L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,
L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,
L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
669135.39 4343305.77 368.08910 (11012908)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** *** 17:19:20
PAGE 965
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP5 ***
INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

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X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	5.80153	(13020419)	668370.10	4340781.04	6.56571 (10021319)
668591.41	4340781.04	7.28876	(13010219)	668812.72	4340781.04	7.98950 (11122718)
669034.03	4340781.04	9.02253	(12010418)	669255.34	4340781.04	10.30970 (09122317)
669476.65	4340781.04	11.52129	(11121118)	669697.96	4340781.04	13.08633 (10010719)
669919.27	4340781.04	48.81315	(12011319)	670140.58	4340781.04	62.30195 (12122717)
670361.89	4340781.04	63.08019	(09120217)	670583.20	4340781.04	46.71636 (11102819)
670804.51	4340781.04	46.59698	(09111419)	671025.82	4340781.04	36.90652 (11012619)
671247.13	4340781.04	32.79139	(10102519)	671468.44	4340781.04	39.26740 (09102119)
671689.75	4340781.04	52.13093	(11033119)	671911.06	4340781.04	49.27342 (11123117)
672132.37	4340781.04	29.17081	(09033019)	672353.68	4340781.04	48.14450 (12091119)
672574.99	4340781.04	55.53789	(11100718)	668148.79	4340946.00	5.65107 (09012008)
668370.10	4340946.00	6.39629	(13020419)	668591.41	4340946.00	7.24330 (13020419)
668812.72	4340946.00	8.03322	(10021319)	669034.03	4340946.00	9.32552 (13010219)
669255.34	4340946.00	10.64075	(11122718)	669476.65	4340946.00	11.88098 (12010418)
669697.96	4340946.00	16.54302	(11121118)	669919.27	4340946.00	64.10816 (11121118)
670140.58	4340946.00	68.05898	(12011319)	670361.89	4340946.00	72.16313 (12122717)
670583.20	4340946.00	70.72121	(09120217)	670804.51	4340946.00	48.46004 (13020408)
671025.82	4340946.00	35.91991	(11120408)	671247.13	4340946.00	31.91129 (10082219)
671468.44	4340946.00	35.41610	(09011917)	671689.75	4340946.00	66.26227 (10090519)
671911.06	4340946.00	76.64067	(13011419)	672132.37	4340946.00	25.10904 (13100619)
672353.68	4340946.00	36.30122	(11100718)	672574.99	4340946.00	65.04204 (10091119)
668148.79	4341110.96	5.71426	(10010308)	668370.10	4341110.96	6.33064 (10010308)
668591.41	4341110.96	7.34836	(10010308)	668812.72	4341110.96	8.24782 (09012008)
669034.03	4341110.96	9.35947	(09012008)	669255.34	4341110.96	10.58313 (13020419)
669476.65	4341110.96	12.36136	(10021319)	669697.96	4341110.96	20.95644 (12010418)
669919.27	4341110.96	16.94860	(12010418)	670140.58	4341110.96	74.05298 (10020808)
670361.89	4341110.96	73.36485	(10010719)	670583.20	4341110.96	52.98869 (13013119)
670804.51	4341110.96	35.86030	(13010619)	671025.82	4341110.96	30.90533 (13010608)
671247.13	4341110.96	37.59440	(12050719)	671468.44	4341110.96	40.57073 (09011917)
671689.75	4341110.96	103.53817	(11123117)	671911.06	4341110.96	88.28694 (10031019)
672132.37	4341110.96	25.55220	(12081519)	672353.68	4341110.96	25.61742 (10111117)
672574.99	4341110.96	67.04391	(09111517)	668148.79	4341275.92	5.88326 (11120619)
668370.10	4341275.92	6.56823	(11120619)	668591.41	4341275.92	7.51301 (11120619)
668812.72	4341275.92	8.61192	(11120619)	669034.03	4341275.92	9.98080 (11120619)
669255.34	4341275.92	11.33396	(10010308)	669476.65	4341275.92	12.70649 (09012008)
669697.96	4341275.92	14.73680	(09012008)	669919.27	4341275.92	65.02420 (10021319)
670140.58	4341275.92	64.51224	(13010219)	670361.89	4341275.92	58.25371 (10021419)
670583.20	4341275.92	36.72521	(10020808)	670804.51	4341275.92	33.26960 (09112108)
671025.82	4341275.92	32.75035	(11021919)	671247.13	4341275.92	44.99945 (09102417)
671468.44	4341275.92	108.91946	(13111518)	671689.75	4341275.92	158.80833 (13092719)

*** AERMOD - VERSION 19191 *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	109.53754	(11100718)	672132.37	4341275.92	31.21789 (10111117)
672353.68	4341275.92	22.10784	(13022818)	672574.99	4341275.92	79.53154 (11121817)
668148.79	4341440.88	5.93810	(09020319)	668370.10	4341440.88	6.69149 (09020319)
668591.41	4341440.88	7.57437	(09020319)	668812.72	4341440.88	8.76985 (09020319)
669034.03	4341440.88	10.04082	(09020319)	669255.34	4341440.88	11.22137 (11120619)
669476.65	4341440.88	12.97659	(11120619)	669697.96	4341440.88	15.34004 (11120619)
669919.27	4341440.88	69.50763	(11112619)	670140.58	4341440.88	58.43526 (09121708)
670361.89	4341440.88	51.31975	(09012008)	670583.20	4341440.88	36.48135 (12020808)
670804.51	4341440.88	45.96783	(09011817)	671025.82	4341440.88	39.38139 (10101719)
671689.75	4341440.88	95.79914	(10031019)	671911.06	4341440.88	122.23170 (09040519)
672132.37	4341440.88	33.28826	(09050719)	672353.68	4341440.88	34.12370 (11040519)
672574.99	4341440.88	26.42922	(11040519)	668148.79	4341605.84	6.19441 (09123019)
668370.10	4341605.84	6.94066	(09123019)	668591.41	4341605.84	7.80335 (09123019)
668812.72	4341605.84	8.84110	(09123019)	669034.03	4341605.84	10.04635 (09123019)
669255.34	4341605.84	11.53093	(09123019)	669476.65	4341605.84	13.27951 (09123019)
669697.96	4341605.84	22.60120	(09020319)	669919.27	4341605.84	68.20519 (09123019)
670140.58	4341605.84	64.57937	(09123019)	670361.89	4341605.84	47.02286 (09020208)
670583.20	4341605.84	42.43622	(09020208)	670804.51	4341605.84	75.37022 (09020208)
671025.82	4341605.84	61.34629	(10021408)	671689.75	4341605.84	111.30687 (11121817)
671911.06	4341605.84	149.36991	(13122317)	672132.37	4341605.84	61.87457 (12013019)
672353.68	4341605.84	51.09342	(12013019)	672574.99	4341605.84	18.84276 (12013019)
668148.79	4341770.80	6.03044	(10010608)	668370.10	4341770.80	6.97966 (10010608)
668591.41	4341770.80	7.61341	(10010608)	668812.72	4341770.80	8.65723 (10010608)
669034.03	4341770.80	10.00455	(10010608)	669255.34	4341770.80	11.71024 (10010608)
669476.65	4341770.80	23.06854	(10010608)	669697.96	4341770.80	63.59559 (12011408)
669919.27	4341770.80	63.94209	(12011408)	670140.58	4341770.80	58.18698 (11122419)
670361.89	4341770.80	42.37323	(13020108)	670583.20	4341770.80	64.70805 (12010519)
670804.51	4341770.80	152.19079	(11121308)	671025.82	4341770.80	218.19849 (12121918)
671689.75	4341770.80	143.86854	(12011618)	671911.06	4341770.80	125.46282 (12090419)
672132.37	4341770.80	37.36669	(12110617)	672353.68	4341770.80	24.73104 (12110617)
672574.99	4341770.80	15.66943	(13122719)	668148.79	4341935.76	5.75369 (11122419)
668370.10	4341935.76	6.57181	(11122419)	668591.41	4341935.76	7.56330 (11122419)
668812.72	4341935.76	8.67783	(11122419)	669034.03	4341935.76	10.06449 (12010519)
669255.34	4341935.76	20.31471	(11122419)	669476.65	4341935.76	56.41098 (12010519)
669697.96	4341935.76	52.53528	(11121308)	669919.27	4341935.76	42.04881 (11121308)
670140.58	4341935.76	42.89569	(11122619)	670361.89	4341935.76	48.14010 (10112518)
670583.20	4341935.76	107.12890	(10123118)	670804.51	4341935.76	56.18353 (11122519)
671468.44	4341935.76	112.50777	(13100819)	671689.75	4341935.76	85.59099 (10101519)
671911.06	4341935.76	91.38538	(11022219)	672132.37	4341935.76	32.02557 (10112508)
672353.68	4341935.76	21.20879	(11081519)	672574.99	4341935.76	62.86128 (12090419)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668148.79	4342100.72	5.78026	(12010519)	668370.10	4342100.72	6.64556	(12010519)
668591.41	4342100.72	7.62288	(11121308)	668812.72	4342100.72	8.63151	(11121308)
669034.03	4342100.72	9.97037	(11121308)	669255.34	4342100.72	14.35548	(11121308)
669476.65	4342100.72	54.52754	(12121918)	669697.96	4342100.72	61.66769	(10112518)
669919.27	4342100.72	65.05229	(10123118)	670140.58	4342100.72	54.11510	(10010418)
670361.89	4342100.72	94.02998	(10120618)	670583.20	4342100.72	34.17416	(12121508)
671468.44	4342100.72	50.25068	(12011417)	671689.75	4342100.72	49.26479	(13082319)
671911.06	4342100.72	74.09082	(13031619)	672132.37	4342100.72	41.78721	(11022219)
672353.68	4342100.72	23.51563	(11081819)	672574.99	4342100.72	71.35474	(12011618)
668148.79	4342265.68	5.79185	(11121308)	668370.10	4342265.68	6.64929	(12121918)
668591.41	4342265.68	7.17836	(12121918)	668812.72	4342265.68	8.06830	(12121918)
669034.03	4342265.68	8.99761	(12121918)	669255.34	4342265.68	10.68825	(12020919)
669476.65	4342265.68	12.44352	(12020919)	669697.96	4342265.68	18.82978	(12020919)
669919.27	4342265.68	20.76090	(10120618)	670140.58	4342265.68	41.03037	(11122519)
670361.89	4342265.68	24.47686	(13123008)	670583.20	4342265.68	27.83755	(12010518)
670804.51	4342265.68	36.57441	(12012908)	671025.82	4342265.68	133.95718	(10121308)
671247.13	4342265.68	154.85556	(11010908)	671468.44	4342265.68	54.62569	(13121217)
671689.75	4342265.68	58.22123	(13100219)	671911.06	4342265.68	54.80590	(10041619)
672132.37	4342265.68	64.91529	(11083019)	672353.68	4342265.68	57.55029	(11022219)
672574.99	4342265.68	14.45897	(12011618)	668148.79	4342430.64	5.32785	(12121918)
668370.10	4342430.64	6.08311	(12121918)	668591.41	4342430.64	6.45865	(12020919)
668812.72	4342430.64	7.25605	(12020919)	669034.03	4342430.64	8.12350	(12020919)
669255.34	4342430.64	9.30415	(10120618)	669476.65	4342430.64	11.32276	(10120618)
669697.96	4342430.64	12.90806	(11122519)	669919.27	4342430.64	15.26172	(12121508)
670140.58	4342430.64	17.40538	(13123008)	670361.89	4342430.64	19.65024	(12010518)
670583.20	4342430.64	73.40683	(13121208)	670804.51	4342430.64	88.56335	(09122608)
671025.82	4342430.64	118.43494	(09121008)	671247.13	4342430.64	48.58446	(13032719)
671468.44	4342430.64	44.76020	(13121217)	671689.75	4342430.64	37.51603	(13093018)
671911.06	4342430.64	44.57183	(11092319)	672132.37	4342430.64	64.67383	(10101519)
672353.68	4342430.64	43.03273	(12100619)	672574.99	4342430.64	11.52324	(11022219)
668148.79	4342595.60	5.30417	(12020919)	668370.10	4342595.60	5.78843	(12020919)
668591.41	4342595.60	6.31570	(12020919)	668812.72	4342595.60	7.04831	(10120618)
669034.03	4342595.60	7.96755	(10120618)	669255.34	4342595.60	9.11502	(11122519)
669476.65	4342595.60	10.19404	(14010208)	669697.96	4342595.60	12.30685	(13123008)
669919.27	4342595.60	13.15416	(13123008)	670140.58	4342595.60	15.34968	(12010518)
670361.89	4342595.60	18.57989	(11121108)	670583.20	4342595.60	71.70492	(13020619)
670804.51	4342595.60	90.57893	(10110618)	671025.82	4342595.60	105.61489	(10021819)
671247.13	4342595.60	83.32854	(11112017)	671468.44	4342595.60	28.26102	(13121217)
671689.75	4342595.60	22.23159	(10040319)	671911.06	4342595.60	23.99320	(09112608)
672132.37	4342595.60	39.51077	(13100718)	672353.68	4342595.60	58.35806	(13031619)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	9.75833 (11022219)	668148.79	4342760.56	5.31463 (12020919)
668370.10	4342760.56	5.92007 (10120618)	668591.41	4342760.56	6.36180 (10120618)
668812.72	4342760.56	7.05710 (11122519)	669034.03	4342760.56	8.13766 (11122518)
669255.34	4342760.56	9.17970 (12121508)	669476.65	4342760.56	10.04053 (13123008)
669697.96	4342760.56	11.71347 (13123008)	669919.27	4342760.56	12.72491 (12010518)
670140.58	4342760.56	57.58431 (11121108)	670361.89	4342760.56	73.29575 (12121219)
670583.20	4342760.56	58.82418 (09122608)	670804.51	4342760.56	72.69285 (09010719)
671025.82	4342760.56	73.49965 (10021819)	671247.13	4342760.56	36.27989 (11112017)
671468.44	4342760.56	23.58225 (13051219)	671689.75	4342760.56	21.47792 (13111017)
671911.06	4342760.56	17.45477 (13093018)	672132.37	4342760.56	25.11972 (11092319)
672353.68	4342760.56	58.46449 (10101519)	672574.99	4342760.56	44.63385 (13031619)
668148.79	4342925.52	5.30154 (10120618)	668370.10	4342925.52	5.71774 (11122519)
668591.41	4342925.52	6.45132 (11122519)	668812.72	4342925.52	6.98043 (14010208)
669034.03	4342925.52	7.78276 (12121508)	669476.65	4342925.52	8.99953 (13123008)
669697.96	4342925.52	10.87182 (12010518)	669919.27	4342925.52	43.49728 (12011719)
670140.58	4342925.52	63.94691 (11100319)	670361.89	4342925.52	67.85527 (09120808)
670583.20	4342925.52	66.17819 (10110618)	670804.51	4342925.52	77.82789 (12011419)
671025.82	4342925.52	29.30798 (11010908)	671247.13	4342925.52	31.36240 (11112017)
671468.44	4342925.52	18.29622 (12110118)	671689.75	4342925.52	18.06035 (12011417)
671911.06	4342925.52	15.30917 (13093018)	672132.37	4342925.52	13.01416 (09112608)
672353.68	4342925.52	32.87733 (13100718)	672574.99	4342925.52	52.87984 (10101519)
668148.79	4343090.48	4.92342 (11122519)	668370.10	4343090.48	5.40275 (11122518)
668591.41	4343090.48	6.20250 (14010208)	669476.65	4343090.48	8.32541 (12010518)
669697.96	4343090.48	9.53298 (12011719)	669919.27	4343090.48	11.14714 (12012908)
670140.58	4343090.48	44.22582 (13020619)	670361.89	4343090.48	13.61271 (09122608)
670583.20	4343090.48	14.63115 (09010719)	670804.51	4343090.48	61.54469 (12010118)
671025.82	4343090.48	21.80652 (11010908)	671247.13	4343090.48	25.35187 (11012908)
671468.44	4343090.48	16.25055 (12110118)	671689.75	4343090.48	15.38380 (12011417)
671911.06	4343090.48	12.55292 (10040319)	672132.37	4343090.48	13.48150 (09112608)
672353.68	4343090.48	10.95346 (10021018)	672574.99	4343090.48	15.18739 (10041619)
668148.79	4343255.44	4.82116 (14010208)	668370.10	4343255.44	5.25356 (12121508)
668591.41	4343255.44	5.81733 (13123008)	669476.65	4343255.44	8.06712 (12011719)
669697.96	4343255.44	9.07327 (13121208)	669919.27	4343255.44	10.22595 (13020619)
670140.58	4343255.44	11.36757 (13021619)	670361.89	4343255.44	11.37551 (10110618)
670583.20	4343255.44	12.46430 (09010719)	670804.51	4343255.44	14.28053 (10021819)
671025.82	4343255.44	18.89352 (13032719)	671247.13	4343255.44	20.17761 (11012908)
671468.44	4343255.44	15.42328 (12110118)	671689.75	4343255.44	12.79400 (12011417)
671911.06	4343255.44	10.79570 (11030318)	672132.37	4343255.44	10.91313 (11022319)

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672353.68 4343255.44 10.28121 (10100218) 672574.99 4343255.44 8.57166 (10050719)
668148.79 4343420.40 4.88455 (12121508) 668370.10 4343420.40 5.16816 (13123008)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP5 ***
    INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
668591.41 4343420.40 5.22824 (13123008) 668812.72 4343420.40 5.55029 (10011008)
669034.03 4343420.40 5.99541 (12010518) 669255.34 4343420.40 6.48958 (12011719)
669476.65 4343420.40 7.18312 (11121108) 669697.96 4343420.40 8.40208 (13020619)
669919.27 4343420.40 9.32112 (09120808) 670140.58 4343420.40 9.73000 (09122608)
670361.89 4343420.40 10.53826 (09010719) 670583.20 4343420.40 10.52181 (09010719)
670804.51 4343420.40 12.69880 (10021819) 671025.82 4343420.40 37.10131 (12091419)
671247.13 4343420.40 30.44427 (11121418) 671468.44 4343420.40 13.38750 (12110118)
671689.75 4343420.40 10.71371 (12011417) 671911.06 4343420.40 10.23636 (10020119)
672132.37 4343420.40 8.72482 (13093018) 672353.68 4343420.40 9.64312 (09112608)
672574.99 4343420.40 8.24108 (10021018) 668148.79 4343585.36 4.87487 (13123008)
668370.10 4343585.36 4.91598 (13123008) 668591.41 4343585.36 4.96242 (10011008)
668812.72 4343585.36 5.47385 (12010518) 669034.03 4343585.36 5.98492 (13123019)
669255.34 4343585.36 6.50213 (11121108) 669476.65 4343585.36 6.97898 (12012908)
669697.96 4343585.36 7.40600 (13020619) 669919.27 4343585.36 8.12248 (09122608)
670140.58 4343585.36 8.35356 (10110618) 670361.89 4343585.36 9.57182 (09010719)
670583.20 4343585.36 10.04864 (10021819) 670804.51 4343585.36 11.23817 (11010908)
671025.82 4343585.36 10.88844 (11012908) 671247.13 4343585.36 31.40346 (11121418)
671468.44 4343585.36 14.27093 (12110118) 671689.75 4343585.36 13.66045 (13100819)
671911.06 4343585.36 10.17737 (10020119) 672132.37 4343585.36 8.22314 (13052619)
672353.68 4343585.36 8.70222 (09112608) 672574.99 4343585.36 7.45606 (10100218)
668148.79 4343750.32 4.35978 (13123008) 668370.10 4343750.32 4.75691 (10011008)
668591.41 4343750.32 5.04118 (12010518) 668812.72 4343750.32 5.33195 (13123019)
669034.03 4343750.32 6.00032 (11121108) 669255.34 4343750.32 6.42315 (12012908)
669476.65 4343750.32 6.69733 (13020619) 669697.96 4343750.32 7.11517 (09120808)
669919.27 4343750.32 7.49409 (09122608) 670140.58 4343750.32 8.06901 (09010719)
670361.89 4343750.32 8.69720 (09010719) 670583.20 4343750.32 9.38118 (10021819)
670804.51 4343750.32 9.98230 (11010908) 671025.82 4343750.32 9.79422 (11012908)
671247.13 4343750.32 36.29633 (09010118) 671468.44 4343750.32 28.90370 (13121217)
671689.75 4343750.32 39.99081 (13100819) 671911.06 4343750.32 27.24166 (10090419)
672132.37 4343750.32 10.71172 (10040319) 672353.68 4343750.32 8.44891 (11022319)
672574.99 4343750.32 8.28150 (09112608) 668148.79 4343915.28 4.13018 (10011008)
668370.10 4343915.28 4.56002 (12010518) 668591.41 4343915.28 4.95878 (13123019)
668812.72 4343915.28 5.26099 (11121108) 669034.03 4343915.28 5.76020 (13121208)

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669255.34	4343915.28	6.13107 (13020619)	669476.65	4343915.28	6.46603 (09120808)
669697.96	4343915.28	6.76832 (09122608)	669919.27	4343915.28	6.73441 (10110618)
670140.58	4343915.28	7.73130 (09010719)	670361.89	4343915.28	7.53736 (09121008)
670583.20	4343915.28	8.75787 (10021819)	670804.51	4343915.28	9.15091 (11010908)
671025.82	4343915.28	9.25709 (11012908)	671247.13	4343915.28	9.63885 (09010118)
671468.44	4343915.28	25.90716 (13121217)	671689.75	4343915.28	35.63665 (13121217)
671911.06	4343915.28	23.20384 (13110818)	672132.37	4343915.28	16.61875 (09120817)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

02/24/20

*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	13.77353	(13093018)	672574.99	4343915.28	11.76027 (09112608)
668148.79	4344080.24	4.04351	(12010518)	668370.10	4344080.24	4.35416 (13123019)
668591.41	4344080.24	4.69381	(11121108)	668812.72	4344080.24	5.12502 (13121208)
669034.03	4344080.24	5.42985	(12012908)	669255.34	4344080.24	5.92246 (13020619)
669476.65	4344080.24	6.11875	(13021619)	669697.96	4344080.24	6.29017 (09122608)
669919.27	4344080.24	6.60760	(09010719)	670140.58	4344080.24	7.38659 (09010719)
670361.89	4344080.24	7.23238	(10021819)	670583.20	4344080.24	7.97288 (10021819)
670804.51	4344080.24	8.43174	(11010908)	671025.82	4344080.24	35.82766 (11112017)
671247.13	4344080.24	8.92753	(09010118)	671468.44	4344080.24	8.04572 (09010118)
671689.75	4344080.24	25.16985	(13121217)	671911.06	4344080.24	11.72021 (13110818)
672132.37	4344080.24	8.29445	(10020119)	672353.68	4344080.24	7.54566 (13093018)
672574.99	4344080.24	7.76167	(09112608)	671464.71	4342094.27	51.48920 (12011417)
671482.23	4342063.91	56.43453	(12011417)	671498.58	4342030.05	58.60947 (12011417)
671513.75	4341991.52	63.28757	(13111017)	671541.78	4341964.66	66.37429 (13093018)
671575.64	4341974.00	57.61035	(09112608)	671460.75	4342162.97	46.75813 (12100218)
671451.00	4342187.35	47.09598	(12100218)	671510.73	4342219.66	47.83491 (12011417)
671524.14	4342192.84	44.23411	(12011417)	671522.92	4342250.74	50.59687 (13110818)
671599.11	4342252.57	45.85205	(09120817)	671627.76	4342256.84	48.89071 (13093018)
671583.88	4342116.03	38.74969	(11022319)	671595.46	4342071.54	40.01656 (11022319)
671663.12	4342056.30	45.63980	(09051119)	671600.94	4342030.09	45.34279 (11081319)
671526.58	4342155.65	41.99087	(10020119)	671628.98	4342292.19	49.91030 (09120817)
671641.78	4341980.71	54.85651	(13082319)	671666.77	4342018.51	50.79875 (13082319)
671407.11	4342219.66	53.68931	(09111117)	671415.64	4342183.08	51.54836 (09111117)
671635.08	4341706.42	195.01398	(13122719)	671693.59	4341710.08	189.24558 (13122719)
671719.80	4341736.29	177.91595	(13042019)	671673.48	4341630.23	177.64403 (11121817)
671888.04	4341936.22	100.70336	(11022219)	671977.64	4341952.07	65.26110 (13041019)
672039.21	4341894.77	47.41537	(10082519)	671858.17	4341753.96	145.84508 (13042019)
671922.78	4341634.49	142.22339	(12013019)	671613.74	4341791.15	137.27981 (11083019)

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671853.29 4341730.80 148.00190 (13042019)      671783.81 4341585.73 125.55942 (11121817)
671783.20 4341546.72 121.34313 (11121817)      671769.18 4341461.38 111.39124 (09111517)
671800.87 4341420.54 166.15234 (09111517)      671880.11 4341427.25 147.45162 (09111517)
672012.39 4341504.66 46.93371 (13120717)      672084.31 4341547.94 53.43393 (13122317)
671915.47 4341478.45 126.79009 (11121817)      671903.28 4341564.40 148.19685 (11040519)
671863.05 4341522.34 170.35769 (11121817)      671830.13 4341336.43 145.53653 (11100718)
671835.62 4341287.66 144.93362 (13100619)      671825.87 4341275.47 154.31002 (13100619)
672136.73 4341370.56 29.02666 (13022818)      671920.34 4341307.17 101.06588 (10091119)
671695.42 4341257.19 148.62551 (13011419)      671682.01 4341176.12 101.18005 (11123117)
671991.66 4341196.23 84.78399 (11100718)      672022.14 4341231.59 74.28475 (10091119)
671992.27 4341177.95 66.04342 (11100718)      671540.60 4341238.29 57.50900 (13011817)
671575.34 4341177.95 48.34761 (13011817)      671454.65 4341196.23 51.38637 (09011917)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
***
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL
***
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP5 ***
      INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M)  CONC  (YYMMDDHH)      X-COORD (M) Y-COORD (M)  CONC
(YYMMDDHH)
-----
671523.53 4341116.38 40.97335 (12110317)      671413.20 4341126.74 41.42082 (09011917)
671471.11 4341064.57 38.86249 (09011917)      671601.55 4341050.55 57.94899 (11033119)
671198.64 4341253.53 38.30924 (11111318)      671278.49 4341212.08 44.81081 (12050719)
671230.34 4341132.84 36.14393 (12050719)      671073.08 4341271.82 33.26161 (10021608)
671122.45 4341373.61 40.50283 (12022208)      671118.79 4341397.38 42.33060 (09012817)
670978.40 4341324.15 33.81973 (09012817)      670932.85 4341394.21 37.33939 (10101719)
670935.19 4341367.36 35.75301 (10010618)      671108.01 4340976.17 30.16020 (11012619)
671286.67 4340978.51 33.19246 (10102519)      671675.37 4342488.78 29.18703 (10040319)
671091.40 4342277.23 145.60948 (09121008)      671051.75 4342332.07 122.04656 (09121008)
671051.75 4342369.20 126.31321 (09121008)      670953.04 4342360.76 121.06423 (10110618)
670695.71 4342235.89 33.75430 (13123019)      670545.53 4342318.58 26.06100 (13123019)
670711.74 4342488.16 102.04541 (09120808)      670648.30 4342501.73 92.92761 (13020619)
670648.30 4342630.87 47.39744 (09020308)      670806.29 4342728.41 74.09943 (09010719)
670688.15 4342739.41 39.48853 (11122808)      670804.92 4342427.55 80.76119 (13021619)
670439.48 4342471.51 21.04989 (11121108)      670358.43 4342578.67 18.64784 (11121108)
670546.64 4342662.47 76.35886 (09120808)      670537.03 4342595.15 82.23523 (13020619)
670483.45 4342776.50 71.94536 (09120808)      670508.17 4342754.52 72.09536 (09120808)
670517.79 4342868.54 68.46025 (09122608)      670545.27 4342850.69 63.12124 (10110418)
670582.36 4342878.16 67.87300 (10110618)      670304.85 4342688.57 47.17543 (13121208)
670039.70 4342661.10 13.90098 (12010518)      670156.48 4342673.46 15.29844 (13123019)
670236.16 4342648.73 16.30917 (11121108)      670071.30 4342738.03 14.17210 (13123019)
669990.24 4342753.14 13.37725 (13123019)      669928.42 4342742.15 12.80008 (12010518)
669815.77 4342673.46 12.64115 (13123008)      669742.96 4342655.60 12.72287 (13123008)

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669791.04	4342744.90	11.95159 (10011008)	669696.25	4342731.16	12.03076 (13123008)
669536.88	4342552.57	10.59565 (11122518)	671174.86	4342280.21	162.34946 (10021819)
671068.38	4342169.93	115.64823 (10110618)	670965.71	4342179.44	75.08614 (09120808)
670815.50	4342198.45	39.74937 (13121208)	670737.55	4342097.68	39.90018 (13123008)
670762.27	4342069.16	43.02553 (13123008)	670817.40	4342040.64	48.35145 (13123008)
670895.36	4342025.43	54.27646 (13123008)	670979.02	4341915.15	80.23615 (13123008)
671115.92	4341863.81	128.11372 (13123008)	671199.58	4341770.65	231.86991 (12121508)
671222.39	4341377.07	60.76262 (13010608)	671714.84	4341392.28	184.00466 (13100619)
671366.89	4341998.81	227.93143 (11012908)	671226.19	4342236.48	172.93346 (11010908)
669098.44	4343411.59	6.11555 (13123019)	668908.63	4343364.56	5.77325 (10011008)
668851.52	4343359.52	5.64814 (10011008)	668831.37	4343371.27	5.58495 (10011008)
668733.94	4343302.41	5.81834 (13123008)	668686.91	4343199.95	6.15635 (13123008)
668671.79	4343089.09	6.34128 (12121508)	668806.17	4343001.74	6.76978 (12121508)
668918.71	4343025.26	7.14336 (13123008)	669024.53	4342942.95	7.66402 (12121508)
669288.24	4342916.08	8.74328 (13123008)	669333.59	4342922.80	8.79773 (13123008)
669365.51	4342978.23	8.34210 (13123008)	669336.95	4343151.23	7.55637 (12010518)
669303.36	4343304.09	7.12884 (13123019)	669222.73	4343235.22	6.96071 (12010518)

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*** AERMET - VERSION 14134 *** ***

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PAGE 972

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP5 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39 4343305.77 6.45257 (12010518)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	16.03600	(12120808)	668370.10	4340781.04	26.47831 (12120808)
668591.41	4340781.04	25.48785	(11011508)	668812.72	4340781.04	27.47797 (13012808)
669034.03	4340781.04	25.67752	(13012808)	669255.34	4340781.04	23.94287 (13012808)
669476.65	4340781.04	25.79386	(13121008)	669697.96	4340781.04	27.28671 (13012808)
669919.27	4340781.04	25.20619	(13012808)	670140.58	4340781.04	17.20006 (13012808)
670361.89	4340781.04	12.73716	(13121008)	670583.20	4340781.04	11.38135 (13121008)
670804.51	4340781.04	9.77113	(11122708)	671025.82	4340781.04	7.56759 (12021708)
671247.13	4340781.04	7.43908	(10123008)	671468.44	4340781.04	9.51518 (10123008)
671689.75	4340781.04	7.59989	(10123008)	671911.06	4340781.04	3.71297 (13122109)
672132.37	4340781.04	2.46784	(13022308)	672353.68	4340781.04	6.46198 (13022308)
672574.99	4340781.04	10.33350	(13022308)	668148.79	4340946.00	10.12870 (10122708)
668370.10	4340946.00	20.80323	(13012808)	668591.41	4340946.00	29.14420 (13012808)
668812.72	4340946.00	20.75932	(13012808)	669034.03	4340946.00	28.75784 (13012808)
669255.34	4340946.00	25.98381	(13012808)	669476.65	4340946.00	29.25396 (13121008)
669697.96	4340946.00	26.84614	(12120808)	669919.27	4340946.00	20.24698 (11011508)
670140.58	4340946.00	24.57159	(13012808)	670361.89	4340946.00	13.73416 (13121008)
670583.20	4340946.00	16.80544	(13121008)	670804.51	4340946.00	9.72932 (11122708)
671025.82	4340946.00	7.97387	(12021708)	671247.13	4340946.00	8.41244 (10123008)
671468.44	4340946.00	8.21453	(10123008)	671689.75	4340946.00	6.34652 (10123008)
671911.06	4340946.00	3.86600	(13022308)	672132.37	4340946.00	5.58909 (13022308)
672353.68	4340946.00	11.15680	(13022308)	672574.99	4340946.00	13.64475 (13022308)
668148.79	4341110.96	10.87473	(10122708)	668370.10	4341110.96	11.35637 (10122708)
668591.41	4341110.96	30.43407	(13012808)	668812.72	4341110.96	30.19266 (13012808)
669034.03	4341110.96	32.04460	(13012808)	669255.34	4341110.96	33.39283 (13121008)
669476.65	4341110.96	26.05092	(13121008)	669697.96	4341110.96	28.94791 (12120808)
669919.27	4341110.96	30.71943	(13012808)	670140.58	4341110.96	22.00601 (13012808)
670361.89	4341110.96	16.66866	(13012808)	670583.20	4341110.96	11.36082 (13121008)
670804.51	4341110.96	8.11905	(09010609)	671025.82	4341110.96	7.52710 (12021708)
671247.13	4341110.96	9.80228	(10123008)	671468.44	4341110.96	7.33369 (10123008)
671689.75	4341110.96	4.84013	(10123008)	671911.06	4341110.96	8.97242 (13022308)
672132.37	4341110.96	11.25082	(13022308)	672353.68	4341110.96	15.17415 (13022308)
672574.99	4341110.96	14.75986	(13022308)	668148.79	4341275.92	12.98299 (10020808)
668370.10	4341275.92	13.24918	(12120808)	668591.41	4341275.92	30.31803 (11011508)
668812.72	4341275.92	34.45101	(12120808)	669034.03	4341275.92	28.60547 (12011608)
669255.34	4341275.92	28.91081	(10122708)	669476.65	4341275.92	29.76924 (13012808)
669697.96	4341275.92	33.30475	(12120808)	669919.27	4341275.92	26.82209 (12120708)
670140.58	4341275.92	18.29575	(13020608)	670361.89	4341275.92	14.21706 (13012808)
670583.20	4341275.92	7.79122	(09010609)	670804.51	4341275.92	8.94016 (09010609)
671025.82	4341275.92	8.96745	(10123008)	671247.13	4341275.92	10.79230 (10123008)
671468.44	4341275.92	8.54112	(10123008)	671689.75	4341275.92	11.28412 (13022308)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
671911.06	4341275.92	16.96745 (13022308)	672132.37	4341275.92	17.65498 (13022308)
672353.68	4341275.92	15.33733 (13022308)	672574.99	4341275.92	12.18744 (13022308)
668148.79	4341440.88	14.92208 (10020808)	668370.10	4341440.88	26.71363 (12120808)
668591.41	4341440.88	33.25621 (12120808)	668812.72	4341440.88	29.79599 (13121608)
669034.03	4341440.88	29.43958 (12011608)	669255.34	4341440.88	30.85806 (11011508)
669476.65	4341440.88	32.15531 (10122708)	669697.96	4341440.88	35.69639 (10122708)
669919.27	4341440.88	27.19336 (10122708)	670140.58	4341440.88	15.97064 (12120708)
670361.89	4341440.88	12.86157 (13020608)	670583.20	4341440.88	8.96811 (09010609)
670804.51	4341440.88	10.44880 (12021708)	671025.82	4341440.88	11.74260 (10123008)
671689.75	4341440.88	19.85411 (13022308)	671911.06	4341440.88	23.01572 (13022308)
672132.37	4341440.88	17.93388 (13022308)	672353.68	4341440.88	11.76605 (13022308)
672574.99	4341440.88	7.71334 (10121008)	668148.79	4341605.84	32.17690 (10122708)
668370.10	4341605.84	35.49536 (10122708)	668591.41	4341605.84	41.26565 (10122708)
668812.72	4341605.84	37.63371 (13121608)	669034.03	4341605.84	33.94768 (12120708)
669255.34	4341605.84	32.48861 (12011608)	669476.65	4341605.84	35.87600 (12011608)
669697.96	4341605.84	39.86479 (12011608)	669919.27	4341605.84	26.62817 (12011608)
670140.58	4341605.84	20.39781 (09021008)	670361.89	4341605.84	13.55855 (10021608)
670583.20	4341605.84	10.84176 (09010609)	670804.51	4341605.84	17.51634 (13121008)
671025.82	4341605.84	14.11141 (10123008)	671689.75	4341605.84	22.90124 (13022308)
671911.06	4341605.84	20.66541 (13022308)	672132.37	4341605.84	13.10436 (10121008)
672353.68	4341605.84	11.41324 (10121008)	672574.99	4341605.84	6.98282 (10121008)
668148.79	4341770.80	18.60099 (10020808)	668370.10	4341770.80	41.81556 (12011608)
668591.41	4341770.80	39.01260 (10122708)	668812.72	4341770.80	47.31370 (10122708)
669034.03	4341770.80	39.23465 (13121608)	669255.34	4341770.80	38.45836 (12011208)
669476.65	4341770.80	39.89943 (12011208)	669697.96	4341770.80	31.63315 (10020808)
669919.27	4341770.80	29.34505 (10020808)	670140.58	4341770.80	20.44138 (12011608)
670361.89	4341770.80	13.92488 (12022208)	670583.20	4341770.80	16.63544 (13020408)
670804.51	4341770.80	34.91415 (13121008)	671025.82	4341770.80	23.95037 (11122708)
671689.75	4341770.80	23.38635 (13022308)	671911.06	4341770.80	15.10165 (10121008)
672132.37	4341770.80	12.03961 (10121008)	672353.68	4341770.80	9.35776 (12111008)
672574.99	4341770.80	5.69832 (12111008)	668148.79	4341935.76	19.24981 (12011208)
668370.10	4341935.76	21.34208 (12011208)	668591.41	4341935.76	39.98949 (12011608)
668812.72	4341935.76	53.78167 (12011608)	669034.03	4341935.76	37.80273 (12011208)
669255.34	4341935.76	42.32699 (09012008)	669476.65	4341935.76	42.38978 (09012008)
669697.96	4341935.76	28.42485 (12020808)	669919.27	4341935.76	22.11895 (12013108)
670140.58	4341935.76	20.19792 (09111408)	670361.89	4341935.76	21.13908 (09112108)
670583.20	4341935.76	32.47912 (10122708)	670804.51	4341935.76	41.46675 (11122708)
671468.44	4341935.76	26.34593 (10121008)	671689.75	4341935.76	18.22569 (10121008)
671911.06	4341935.76	12.58678 (12111008)	672132.37	4341935.76	8.97218 (12111008)
672353.68	4341935.76	5.85462 (12111008)	672574.99	4341935.76	4.94588 (12111008)

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*** AERMET - VERSION 14134 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668148.79	4342100.72	20.94386	(09012008)	668370.10	4342100.72	40.35125 (10020808)
668591.41	4342100.72	52.42650	(12011208)	668812.72	4342100.72	64.31402 (10020808)
669034.03	4342100.72	41.38019	(09121708)	669255.34	4342100.72	43.38747 (09020208)
669476.65	4342100.72	46.32897	(09020208)	669697.96	4342100.72	40.20762 (09020208)
669919.27	4342100.72	36.05576	(09020208)	670140.58	4342100.72	30.30664 (09121708)
670361.89	4342100.72	95.02834	(09012008)	670583.20	4342100.72	122.20666 (10020808)
671468.44	4342100.72	17.74354	(12111008)	671689.75	4342100.72	11.23011 (12111008)
671911.06	4342100.72	7.93643	(12111009)	672132.37	4342100.72	6.38623 (12111009)
672353.68	4342100.72	5.30616	(12111009)	672574.99	4342100.72	4.20229 (12111009)
668148.79	4342265.68	23.02910	(09121708)	668370.10	4342265.68	47.28576 (12011208)
668591.41	4342265.68	31.02085	(12011208)	668812.72	4342265.68	50.94192 (12011608)
669034.03	4342265.68	57.76852	(12011608)	669255.34	4342265.68	82.12625 (10020808)
669476.65	4342265.68	58.88605	(12011208)	669697.96	4342265.68	65.50631 (10010608)
669919.27	4342265.68	79.58576	(10010608)	670140.58	4342265.68	96.71727 (13020108)
670361.89	4342265.68	152.79827	(12011408)	670583.20	4342265.68	211.04268 (13121208)
670804.51	4342265.68	163.56638	(13121208)	671025.82	4342265.68	58.32389 (10112508)
671247.13	4342265.68	38.43592	(10112508)	671468.44	4342265.68	18.95328 (13011508)
671689.75	4342265.68	13.77810	(13011508)	671911.06	4342265.68	10.18713 (13011508)
672132.37	4342265.68	8.00792	(13011508)	672353.68	4342265.68	6.16126 (13011508)
672574.99	4342265.68	4.08581	(13011508)	668148.79	4342430.64	22.69334 (09020208)
668370.10	4342430.64	28.19765	(09020208)	668591.41	4342430.64	30.74539 (09020208)
668812.72	4342430.64	36.41437	(09121708)	669034.03	4342430.64	45.72400 (09121708)
669255.34	4342430.64	61.89819	(12011208)	669476.65	4342430.64	117.26683 (11122708)
669697.96	4342430.64	108.65741	(11122708)	669919.27	4342430.64	92.50587 (12120808)
670140.58	4342430.64	124.09312	(11121308)	670361.89	4342430.64	293.92943 (12121508)
670583.20	4342430.64	68.33095	(13121208)	670804.51	4342430.64	60.38886 (09121008)
671025.82	4342430.64	38.86499	(09112608)	671247.13	4342430.64	20.16940 (13120708)
671468.44	4342430.64	21.40587	(10112508)	671689.75	4342430.64	12.32738 (10112508)
671911.06	4342430.64	12.70597	(13011508)	672132.37	4342430.64	12.16480 (13011508)
672353.68	4342430.64	8.75283	(13011508)	672574.99	4342430.64	4.60819 (13011508)
668148.79	4342595.60	24.69675	(10010608)	668370.10	4342595.60	28.37945 (10010608)
668591.41	4342595.60	34.01523	(10010608)	668812.72	4342595.60	42.72688 (10010608)
669034.03	4342595.60	57.32783	(10010608)	669255.34	4342595.60	90.64902 (10010608)
669476.65	4342595.60	169.85089	(10010608)	669697.96	4342595.60	249.93010 (11121308)
669919.27	4342595.60	219.16645	(11121308)	670140.58	4342595.60	196.54928 (13121208)
670361.89	4342595.60	122.17538	(09121008)	670583.20	4342595.60	24.77970 (09120808)
670804.51	4342595.60	22.52336	(09121008)	671025.82	4342595.60	30.14409 (09112608)
671247.13	4342595.60	19.19249	(09021308)	671468.44	4342595.60	12.83644 (13120708)
671689.75	4342595.60	11.52103	(10112508)	671911.06	4342595.60	11.91544 (10112508)
672132.37	4342595.60	11.40300	(10112508)	672353.68	4342595.60	11.58470 (13011508)

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	8.57369 (13011508)	668148.79	4342760.56	27.00827 (13020108)
668370.10	4342760.56	32.57413 (13020108)	668591.41	4342760.56	38.26370 (13020108)
668812.72	4342760.56	50.96057 (11121308)	669034.03	4342760.56	76.16907 (11121308)
669255.34	4342760.56	152.79379 (11121308)	669476.65	4342760.56	231.79785 (09121008)
669697.96	4342760.56	196.39708 (14010208)	669919.27	4342760.56	179.94847 (13121208)
670140.58	4342760.56	66.89952 (09120808)	670361.89	4342760.56	35.54500 (09120808)
670583.20	4342760.56	16.88644 (10121308)	670804.51	4342760.56	14.41122 (11012908)
671025.82	4342760.56	14.70878 (09112608)	671247.13	4342760.56	10.61642 (13011508)
671468.44	4342760.56	10.28152 (09021308)	671689.75	4342760.56	9.83260 (13120708)
671911.06	4342760.56	7.12203 (13120708)	672132.37	4342760.56	11.80786 (10112508)
672353.68	4342760.56	17.19741 (10112508)	672574.99	4342760.56	11.27732 (10112508)
668148.79	4342925.52	27.79018 (11121308)	668370.10	4342925.52	32.95266 (11121308)
668591.41	4342925.52	40.62500 (11121308)	668812.72	4342925.52	52.99779 (13122708)
669034.03	4342925.52	81.73465 (13122708)	669476.65	4342925.52	158.45130 (11012908)
669697.96	4342925.52	100.94620 (13121208)	669919.27	4342925.52	68.54939 (13121208)
670140.58	4342925.52	33.57487 (10121308)	670361.89	4342925.52	25.61671 (09122608)
670583.20	4342925.52	29.20911 (09121008)	670804.51	4342925.52	25.64213 (11012908)
671025.82	4342925.52	8.17823 (10112508)	671247.13	4342925.52	9.14439 (09112608)
671468.44	4342925.52	7.25513 (09021308)	671689.75	4342925.52	7.67524 (09021308)
671911.06	4342925.52	7.28134 (13120708)	672132.37	4342925.52	6.16548 (13120708)
672353.68	4342925.52	11.52581 (10112508)	672574.99	4342925.52	16.55602 (10112508)
668148.79	4343090.48	23.55866 (13122708)	668370.10	4343090.48	30.46377 (13122708)
668591.41	4343090.48	42.07982 (13122708)	669476.65	4343090.48	69.18663 (11012908)
669697.96	4343090.48	55.80695 (11012908)	669919.27	4343090.48	89.70254 (09122608)
670140.58	4343090.48	43.18463 (09121008)	670361.89	4343090.48	57.31817 (11012908)
670583.20	4343090.48	27.61146 (11012908)	670804.51	4343090.48	30.61922 (11012908)
671025.82	4343090.48	8.00395 (13120708)	671247.13	4343090.48	8.79460 (10112508)
671468.44	4343090.48	6.05525 (10112508)	671689.75	4343090.48	6.35131 (09021308)
671911.06	4343090.48	5.85003 (09021308)	672132.37	4343090.48	6.04314 (13120708)
672353.68	4343090.48	5.30398 (13120708)	672574.99	4343090.48	6.27091 (10112508)
668148.79	4343255.44	25.57468 (13122708)	668370.10	4343255.44	29.54519 (14010208)
668591.41	4343255.44	37.45397 (12121508)	669476.65	4343255.44	75.34640 (11012908)
669697.96	4343255.44	48.48750 (11012908)	669919.27	4343255.44	49.40276 (09121008)
670140.58	4343255.44	47.21883 (11012908)	670361.89	4343255.44	27.24096 (09112608)
670583.20	4343255.44	22.55277 (10112508)	670804.51	4343255.44	20.97708 (09112608)
671025.82	4343255.44	8.03514 (13120708)	671247.13	4343255.44	7.27775 (13120708)
671468.44	4343255.44	6.38926 (10112508)	671689.75	4343255.44	5.33479 (10112508)
671911.06	4343255.44	5.35454 (09021308)	672132.37	4343255.44	4.97578 (10111908)

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672353.68 4343255.44 5.23174 (13120708) 672574.99 4343255.44 4.64571 (13120708)
668148.79 4343420.40 25.91193 (14010208) 668370.10 4343420.40 29.42077 (12121508)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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*** AERMET - VERSION 14134 *** ***
*** 17:19:20

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
668591.41	4343420.40	31.34805	(13123008)	668812.72	4343420.40	32.98796	(13121208)
669034.03	4343420.40	36.16479	(13121208)	669255.34	4343420.40	34.86040	(09121008)
669476.65	4343420.40	33.42826	(11012908)	669697.96	4343420.40	40.55908	(11012908)
669919.27	4343420.40	44.98203	(11012908)	670140.58	4343420.40	26.29938	(11012908)
670361.89	4343420.40	23.98477	(11012908)	670583.20	4343420.40	19.26928	(11012908)
670804.51	4343420.40	18.64045	(09112608)	671025.82	4343420.40	9.36815	(09021308)
671247.13	4343420.40	7.89471	(13120708)	671468.44	4343420.40	6.30784	(13120708)
671689.75	4343420.40	5.36660	(13120708)	671911.06	4343420.40	4.51845	(13120708)
672132.37	4343420.40	4.69177	(09021308)	672353.68	4343420.40	4.28781	(10111908)
672574.99	4343420.40	4.30741	(13120708)	668148.79	4343585.36	31.71113	(13123008)
668370.10	4343585.36	28.72903	(11122608)	668591.41	4343585.36	25.95215	(11122608)
668812.72	4343585.36	30.68079	(13121208)	669034.03	4343585.36	32.79937	(09122608)
669255.34	4343585.36	30.15462	(09121008)	669476.65	4343585.36	30.96043	(11012908)
669697.96	4343585.36	25.65365	(09121008)	669919.27	4343585.36	23.90969	(11012908)
670140.58	4343585.36	23.66025	(11012908)	670361.89	4343585.36	20.87704	(11012908)
670583.20	4343585.36	16.52141	(11012908)	670804.51	4343585.36	12.18233	(09021308)
671025.82	4343585.36	17.00676	(09112608)	671247.13	4343585.36	7.39364	(09021308)
671468.44	4343585.36	6.18924	(13120708)	671689.75	4343585.36	6.07745	(13120708)
671911.06	4343585.36	5.05373	(13120708)	672132.37	4343585.36	4.42965	(13120708)
672353.68	4343585.36	4.23806	(09021308)	672574.99	4343585.36	4.00975	(10111908)
668148.79	4343750.32	23.84321	(11122608)	668370.10	4343750.32	63.13989	(13121208)
668591.41	4343750.32	49.55643	(09120808)	668812.72	4343750.32	28.82437	(09122608)
669034.03	4343750.32	57.41889	(09121008)	669255.34	4343750.32	37.38459	(09121008)
669476.65	4343750.32	33.54694	(11012908)	669697.96	4343750.32	22.18133	(09121008)
669919.27	4343750.32	21.16277	(11012908)	670140.58	4343750.32	20.77130	(11012908)
670361.89	4343750.32	17.67886	(11012908)	670583.20	4343750.32	14.68163	(11012908)
670804.51	4343750.32	10.21915	(11012908)	671025.82	4343750.32	9.92721	(09021308)
671247.13	4343750.32	14.58985	(09112608)	671468.44	4343750.32	14.01438	(09112608)
671689.75	4343750.32	10.54292	(09112608)	671911.06	4343750.32	7.43309	(13120708)
672132.37	4343750.32	5.62787	(13120708)	672353.68	4343750.32	4.35484	(13120708)
672574.99	4343750.32	4.19302	(10111908)	668148.79	4343915.28	18.58052	(11122608)
668370.10	4343915.28	47.57565	(13121208)	668591.41	4343915.28	66.55163	(09120808)
668812.72	4343915.28	65.13993	(10121308)	669034.03	4343915.28	40.52935	(09122608)

669255.34	4343915.28	41.10081 (10121308)	669476.65	4343915.28	39.58023 (11012908)
669697.96	4343915.28	18.49599 (09121008)	669919.27	4343915.28	18.87083 (11012908)
670140.58	4343915.28	17.80042 (11012908)	670361.89	4343915.28	15.97726 (11012908)
670583.20	4343915.28	12.65974 (11012908)	670804.51	4343915.28	9.70008 (09112608)
671025.82	4343915.28	14.15275 (09112608)	671247.13	4343915.28	8.91333 (09021308)
671468.44	4343915.28	13.38113 (09112608)	671689.75	4343915.28	10.57319 (09112608)
671911.06	4343915.28	6.29459 (09021308)	672132.37	4343915.28	6.44412 (13120708)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

672353.68	4343915.28	5.92701	(13120708)	672574.99	4343915.28	5.20778	(13120708)
668148.79	4344080.24	19.09414	(13121208)	668370.10	4344080.24	37.34682	(09120808)
668591.41	4344080.24	55.36417	(09122608)	668812.72	4344080.24	48.57623	(09121008)
669034.03	4344080.24	43.70012	(09122608)	669255.34	4344080.24	43.31289	(10121308)
669476.65	4344080.24	39.05080	(11012908)	669697.96	4344080.24	15.38956	(11012908)
669919.27	4344080.24	15.55800	(11012908)	670140.58	4344080.24	24.37506	(11012908)
670361.89	4344080.24	14.42963	(11012908)	670583.20	4344080.24	13.64758	(09112608)
670804.51	4344080.24	15.60417	(09112608)	671025.82	4344080.24	10.61085	(09112608)
671247.13	4344080.24	12.35691	(09112608)	671468.44	4344080.24	11.52125	(09112608)
671689.75	4344080.24	8.05133	(09112608)	671911.06	4344080.24	4.85743	(09021308)
672132.37	4344080.24	4.10954	(09021308)	672353.68	4344080.24	4.47716	(13120708)
672574.99	4344080.24	4.37187	(13120708)	671464.71	4342094.27	18.59636	(12111008)
671482.23	4342063.91	20.28330	(12111008)	671498.58	4342030.05	21.40507	(12111008)
671513.75	4341991.52	22.67928	(10121008)	671541.78	4341964.66	22.74670	(10121008)
671575.64	4341974.00	20.53439	(10121008)	671460.75	4342162.97	14.93205	(12111009)
671451.00	4342187.35	14.04047	(12111009)	671510.73	4342219.66	12.58957	(13011508)
671524.14	4342192.84	11.95845	(12111009)	671522.92	4342250.74	15.78962	(13011508)
671599.11	4342252.57	14.17359	(13011508)	671627.76	4342256.84	14.07292	(13011508)
671583.88	4342116.03	12.77981	(12111009)	671595.46	4342071.54	14.55445	(12111008)
671663.12	4342056.30	14.10300	(12111008)	671600.94	4342030.09	17.17093	(12111008)
671526.58	4342155.65	13.29826	(12111009)	671628.98	4342292.19	16.21641	(13011508)
671641.78	4341980.71	17.97449	(12111008)	671666.77	4342018.51	15.95310	(12111008)
671407.11	4342219.66	16.31418	(13011508)	671415.64	4342183.08	15.47025	(12111009)
671635.08	4341706.42	28.84658	(13022308)	671693.59	4341710.08	25.44882	(13022308)
671719.80	4341736.29	22.76003	(13022308)	671673.48	4341630.23	25.13348	(13022308)
671888.04	4341936.22	12.91196	(12111008)	671977.64	4341952.07	11.21080	(12111008)
672039.21	4341894.77	11.51755	(12111008)	671858.17	4341753.96	14.58882	(10121008)
671922.78	4341634.49	19.03412	(13022308)	671613.74	4341791.15	27.19377	(13022308)

671853.29	4341730.80	15.85909 (13022308)	671783.81	4341585.73	22.30874 (13022308)
671783.20	4341546.72	22.52654 (13022308)	671769.18	4341461.38	21.42931 (13022308)
671800.87	4341420.54	20.91239 (13022308)	671880.11	4341427.25	22.64360 (13022308)
672012.39	4341504.66	20.55737 (13022308)	672084.31	4341547.94	16.58659 (13022308)
671915.47	4341478.45	23.38685 (13022308)	671903.28	4341564.40	22.34331 (13022308)
671863.05	4341522.34	23.44541 (13022308)	671830.13	4341336.43	18.39964 (13022308)
671835.62	4341287.66	16.28108 (13022308)	671825.87	4341275.47	15.49371 (13022308)
672136.73	4341370.56	18.34501 (13022308)	671920.34	4341307.17	18.45880 (13022308)
671695.42	4341257.19	10.39842 (13022308)	671682.01	4341176.12	6.14857 (13022308)
671991.66	4341196.23	14.77793 (13022308)	672022.14	4341231.59	16.70437 (13022308)
671992.27	4341177.95	13.60186 (13022308)	671540.60	4341238.29	6.00703 (10123008)
671575.34	4341177.95	5.54492 (13122109)	671454.65	4341196.23	7.92628 (10123008)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671523.53	4341116.38	6.58292 (10123008)		671413.20	4341126.74	8.76656 (10123008)
671471.11	4341064.57	7.56792 (10123008)		671601.55	4341050.55	6.95786 (10123008)
671198.64	4341253.53	10.19243 (10123008)		671278.49	4341212.08	10.28685 (10123008)
671230.34	4341132.84	9.66999 (10123008)		671073.08	4341271.82	9.55840 (10123008)
671122.45	4341373.61	11.27388 (10123008)		671118.79	4341397.38	11.57313 (10123008)
670978.40	4341324.15	8.97287 (10123008)		670932.85	4341394.21	9.53965 (10123008)
670935.19	4341367.36	9.07618 (10123008)		671108.01	4340976.17	7.21766 (10123008)
671286.67	4340978.51	8.90801 (10123008)		671675.37	4342488.78	15.37332 (10112508)
671091.40	4342277.23	63.29795 (10112508)		671051.75	4342332.07	38.74952 (10112508)
671051.75	4342369.20	35.18276 (13120708)		670953.04	4342360.76	42.90976 (11012908)
670695.71	4342235.89	194.48216 (13122708)		670545.53	4342318.58	207.82468 (09121008)
670711.74	4342488.16	43.61733 (09020308)		670648.30	4342501.73	34.38655 (09120808)
670648.30	4342630.87	15.85477 (13011508)		670806.29	4342728.41	15.03329 (13011508)
670688.15	4342739.41	13.28566 (13011508)		670804.92	4342427.55	61.81946 (09121008)
670439.48	4342471.51	154.60449 (09121008)		670358.43	4342578.67	151.93842 (09121008)
670546.64	4342662.47	29.63721 (09120808)		670537.03	4342595.15	30.47323 (13121208)
670483.45	4342776.50	25.46464 (09122608)		670508.17	4342754.52	24.95473 (09122608)
670517.79	4342868.54	22.60818 (10121308)		670545.27	4342850.69	19.41126 (10121308)
670582.36	4342878.16	20.98145 (09121008)		670304.85	4342688.57	59.40285 (10121308)
670039.70	4342661.10	190.57430 (09120808)		670156.48	4342673.46	175.06730 (09120808)
670236.16	4342648.73	166.97971 (09120808)		670071.30	4342738.03	160.01784 (13121208)
669990.24	4342753.14	178.99628 (13121208)		669928.42	4342742.15	183.95502 (13121208)
669815.77	4342673.46	223.28516 (13122708)		669742.96	4342655.60	185.11931 (11121308)

669791.04	4342744.90	223.82463 (13123008)	669696.25	4342731.16	190.77557 (13122708)
669536.88	4342552.57	161.89256 (09020208)	671174.86	4342280.21	62.92292 (10112508)
671068.38	4342169.93	58.37471 (10121008)	670965.71	4342179.44	122.97355 (10010608)
670815.50	4342198.45	185.60026 (09020208)	670737.55	4342097.68	100.95314 (11122708)
670762.27	4342069.16	83.59607 (11122708)	670817.40	4342040.64	69.22048 (11122708)
670895.36	4342025.43	60.04453 (11122708)	670979.02	4341915.15	32.92043 (13022308)
671115.92	4341863.81	33.45197 (13022308)	671199.58	4341770.65	28.22341 (13022308)
671222.39	4341377.07	12.27288 (10123008)	671714.84	4341392.28	18.70784 (13022308)
671366.89	4341998.81	29.30812 (10121008)	671226.19	4342236.48	39.72869 (13011508)
669098.44	4343411.59	36.65423 (09120808)	668908.63	4343364.56	36.96010 (13121208)
668851.52	4343359.52	35.57479 (11122608)	668831.37	4343371.27	34.81781 (11122608)
668733.94	4343302.41	39.21596 (13123008)	668686.91	4343199.95	42.59299 (12121508)
668671.79	4343089.09	44.74631 (13122708)	668806.17	4343001.74	53.63307 (13122708)
668918.71	4343025.26	63.08867 (14010208)	669024.53	4342942.95	79.13361 (13122708)
669288.24	4342916.08	192.16847 (13123008)	669333.59	4342922.80	261.96099 (13121208)
669365.51	4342978.23	201.27482 (09121008)	669336.95	4343151.23	66.55934 (09121008)
669303.36	4343304.09	44.87382 (09121008)	669222.73	4343235.22	53.62773 (09122608)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP6 ***

INCLUDING SOURCE(S): 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 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39	4343305.77	44.14173 (09120808)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668148.79	4340781.04	7.76334 (12013021)	668370.10	4340781.04	9.23334 (09121724)
668591.41	4340781.04	10.26040 (09120107)	668812.72	4340781.04	10.76465 (13011804)
669034.03	4340781.04	12.37456 (10012703)	669255.34	4340781.04	14.17756 (10121505)
669476.65	4340781.04	13.97953 (13021224)	669697.96	4340781.04	16.62802 (11022604)
669919.27	4340781.04	25.71875 (10123021)	670140.58	4340781.04	27.26481 (13022703)
670361.89	4340781.04	27.53029 (10121518)	670583.20	4340781.04	20.42659 (13012808)
670804.51	4340781.04	19.87438 (13010818)	671025.82	4340781.04	14.99229 (09082024)
671247.13	4340781.04	12.62801 (09082723)	671468.44	4340781.04	13.68878 (10050306)
671689.75	4340781.04	18.51220 (11033119)	671911.06	4340781.04	15.74042 (09060721)
672132.37	4340781.04	10.48070 (13011419)	672353.68	4340781.04	18.28873 (11010418)
672574.99	4340781.04	25.64739 (13120120)	668148.79	4340946.00	7.60903 (11010323)
668370.10	4340946.00	8.67739 (13120803)	668591.41	4340946.00	9.68752 (12013021)
668812.72	4340946.00	10.56459 (10121507)	669034.03	4340946.00	13.05485 (10013101)
669255.34	4340946.00	14.87930 (13011407)	669476.65	4340946.00	15.53408 (10121505)
669697.96	4340946.00	19.13161 (10122707)	669919.27	4340946.00	27.55152 (10123022)
670140.58	4340946.00	31.25672 (09120721)	670361.89	4340946.00	32.27555 (09121805)
670583.20	4340946.00	31.90980 (12122707)	670804.51	4340946.00	20.70139 (09082904)
671025.82	4340946.00	14.65253 (13060523)	671247.13	4340946.00	12.29168 (09082723)
671468.44	4340946.00	12.87572 (11090720)	671689.75	4340946.00	22.70946 (10090519)
671911.06	4340946.00	27.41878 (09011623)	672132.37	4340946.00	10.11541 (11111217)
672353.68	4340946.00	13.86276 (13100619)	672574.99	4340946.00	27.06777 (11051920)
668148.79	4341110.96	7.77389 (13020523)	668370.10	4341110.96	8.46862 (12020323)
668591.41	4341110.96	9.86788 (11010323)	668812.72	4341110.96	11.07030 (13120803)
669034.03	4341110.96	12.81411 (12013021)	669255.34	4341110.96	13.75765 (10121507)
669476.65	4341110.96	16.87481 (13011804)	669697.96	4341110.96	24.35800 (10121505)
669919.27	4341110.96	23.00694 (10122707)	670140.58	4341110.96	32.77667 (10123022)
670361.89	4341110.96	32.74311 (13121005)	670583.20	4341110.96	23.94489 (11082520)
670804.51	4341110.96	15.18689 (09091124)	671025.82	4341110.96	13.84740 (12101307)
671247.13	4341110.96	13.72351 (09082723)	671468.44	4341110.96	14.00897 (09032507)
671689.75	4341110.96	38.16741 (10020121)	671911.06	4341110.96	32.41262 (13011419)
672132.37	4341110.96	10.78161 (10082420)	672353.68	4341110.96	8.90274 (12080720)
672574.99	4341110.96	26.40245 (13052920)	668148.79	4341275.92	7.97071 (09010402)
668370.10	4341275.92	8.82914 (09010402)	668591.41	4341275.92	10.20893 (09010222)
668812.72	4341275.92	12.29374 (12020323)	669034.03	4341275.92	15.60641 (11010323)
669255.34	4341275.92	16.87861 (13120803)	669476.65	4341275.92	17.88616 (09121724)
669697.96	4341275.92	21.65109 (10013101)	669919.27	4341275.92	33.87865 (10012703)
670140.58	4341275.92	28.87851 (12010419)	670361.89	4341275.92	26.21418 (11012722)
670583.20	4341275.92	17.24806 (12021208)	670804.51	4341275.92	15.22039 (12040523)
671025.82	4341275.92	14.98267 (12121420)	671247.13	4341275.92	18.32026 (11111319)
671468.44	4341275.92	42.57742 (13041906)	671689.75	4341275.92	55.55518 (12121423)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,

STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
671911.06	4341275.92	45.12552	(11010418)	672132.37	4341275.92	10.66383 (10110117)
672353.68	4341275.92	8.26893	(12081519)	672574.99	4341275.92	28.25592 (13092802)
668148.79	4341440.88	8.11182	(13120804)	668370.10	4341440.88	9.16216 (13120804)
668591.41	4341440.88	10.49363	(11123024)	668812.72	4341440.88	13.22628 (13012122)
669034.03	4341440.88	15.88119	(09010222)	669255.34	4341440.88	16.46326 (13020523)
669476.65	4341440.88	19.27977	(13010219)	669697.96	4341440.88	24.39667 (13120803)
669919.27	4341440.88	33.63619	(09121724)	670140.58	4341440.88	27.12791 (13012006)
670361.89	4341440.88	22.20894	(11090423)	670583.20	4341440.88	17.27684 (11101207)
670804.51	4341440.88	22.34206	(09011017)	671025.82	4341440.88	19.31555 (12123004)
671689.75	4341440.88	67.98490	(13011419)	671911.06	4341440.88	50.43967 (11092622)
672132.37	4341440.88	12.17099	(12081519)	672353.68	4341440.88	14.04195 (10111117)
672574.99	4341440.88	29.58020	(11032902)	668148.79	4341605.84	8.72373 (10013105)
668370.10	4341605.84	9.98362	(11120619)	668591.41	4341605.84	11.39420 (11123104)
668812.72	4341605.84	13.09236	(13022805)	669034.03	4341605.84	14.86995 (13120804)
669255.34	4341605.84	17.06241	(13120804)	669476.65	4341605.84	20.54723 (13012122)
669697.96	4341605.84	27.91089	(09010222)	669919.27	4341605.84	32.59323 (12020323)
670140.58	4341605.84	30.68198	(09121801)	670361.89	4341605.84	21.09419 (12081106)
670583.20	4341605.84	19.59668	(09112108)	670804.51	4341605.84	36.54213 (09021008)
671025.82	4341605.84	31.73249	(12012405)	671689.75	4341605.84	79.23772 (13120120)
671911.06	4341605.84	61.73167	(10081303)	672132.37	4341605.84	26.31350 (12041421)
672353.68	4341605.84	20.42712	(12070821)	672574.99	4341605.84	27.27557 (11120722)
668148.79	4341770.80	8.31334	(12013107)	668370.10	4341770.80	10.28447 (12013107)
668591.41	4341770.80	10.65037	(12013107)	668812.72	4341770.80	12.34999 (13121023)
669034.03	4341770.80	14.97465	(13121023)	669255.34	4341770.80	18.89742 (10013105)
669476.65	4341770.80	25.67735	(11120619)	669697.96	4341770.80	32.12470 (11123104)
669919.27	4341770.80	30.15575	(10010504)	670140.58	4341770.80	25.92773 (10082505)
670361.89	4341770.80	17.50377	(13081406)	670583.20	4341770.80	28.55478 (09011817)
670804.51	4341770.80	82.41018	(13011407)	671025.82	4341770.80	100.40732 (10121121)
671689.75	4341770.80	89.99755	(12051524)	671911.06	4341770.80	65.99262 (13080820)
672132.37	4341770.80	16.78720	(09050719)	672353.68	4341770.80	10.85484 (13120717)
672574.99	4341770.80	27.26068	(09090320)	668148.79	4341935.76	8.15971 (13120722)
668370.10	4341935.76	9.13305	(09123019)	668591.41	4341935.76	10.69058 (09123019)
668812.72	4341935.76	12.95448	(09123019)	669034.03	4341935.76	16.04877 (09123019)
669255.34	4341935.76	22.78812	(09123019)	669476.65	4341935.76	28.74962 (12020606)
669697.96	4341935.76	24.82722	(10010503)	669919.27	4341935.76	17.69863 (11030804)
670140.58	4341935.76	17.37035	(11030804)	670361.89	4341935.76	22.20525 (13021408)
670583.20	4341935.76	59.89383	(10013105)	670804.51	4341935.76	77.28012 (14010121)
671468.44	4341935.76	80.36629	(09122206)	671689.75	4341935.76	48.35759 (13120717)
671911.06	4341935.76	54.79834	(13122317)	672132.37	4341935.76	14.99087 (11092618)
672353.68	4341935.76	10.67486	(10093018)	672574.99	4341935.76	36.38390 (12013019)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4342100.72	8.16562 (13020522)	668370.10	4342100.72	9.47057 (13020522)
668591.41	4342100.72	11.59123 (13020522)	668812.72	4342100.72	13.13698 (13020522)
669034.03	4342100.72	16.19634 (13020522)	669255.34	4342100.72	20.22420 (13020522)
669476.65	4342100.72	29.00451 (12013105)	669697.96	4342100.72	30.21660 (12013105)
669919.27	4342100.72	31.37839 (10021801)	670140.58	4342100.72	25.07904 (11070922)
670361.89	4342100.72	58.43690 (10013107)	670583.20	4342100.72	55.18687 (11022224)
671468.44	4342100.72	38.99635 (13052919)	671689.75	4342100.72	31.36543 (10081319)
671911.06	4342100.72	39.30357 (11110903)	672132.37	4342100.72	19.06542 (12110617)
672353.68	4342100.72	11.31926 (11051019)	672574.99	4342100.72	35.27048 (13020407)
668148.79	4342265.68	8.20613 (12011605)	668370.10	4342265.68	9.56654 (10013107)
668591.41	4342265.68	10.13066 (10013107)	668812.72	4342265.68	11.43873 (09121706)
669034.03	4342265.68	13.05533 (09121706)	669255.34	4342265.68	16.17499 (11022224)
669476.65	4342265.68	19.75683 (11010403)	669697.96	4342265.68	28.30708 (12121507)
669919.27	4342265.68	32.39298 (13020222)	670140.58	4342265.68	45.59525 (12121918)
670361.89	4342265.68	42.05954 (13022505)	670583.20	4342265.68	53.05739 (10120703)
670804.51	4342265.68	76.78698 (12122805)	671025.82	4342265.68	128.92634 (13121803)
671247.13	4342265.68	167.41649 (09020506)	671468.44	4342265.68	36.78069 (11032104)
671689.75	4342265.68	31.86024 (13092318)	671911.06	4342265.68	30.15671 (10082519)
672132.37	4342265.68	36.52591 (11012804)	672353.68	4342265.68	27.86408 (13061621)
672574.99	4342265.68	27.96872 (13031621)	668148.79	4342430.64	8.02301 (11022224)
668370.10	4342430.64	8.94328 (11010403)	668591.41	4342430.64	9.87930 (12121507)
668812.72	4342430.64	11.04099 (12121507)	669034.03	4342430.64	12.41006 (13020222)
669255.34	4342430.64	14.27709 (12121918)	669476.65	4342430.64	16.76212 (10020203)
669697.96	4342430.64	19.72376 (13022505)	669919.27	4342430.64	24.08961 (11121806)
670140.58	4342430.64	29.04508 (10120703)	670361.89	4342430.64	36.88130 (10121606)
670583.20	4342430.64	67.85903 (09012704)	670804.51	4342430.64	86.28005 (11021306)
671025.82	4342430.64	109.49871 (11121801)	671247.13	4342430.64	35.41790 (10122222)
671468.44	4342430.64	27.29469 (09122822)	671689.75	4342430.64	22.21634 (11081119)
671911.06	4342430.64	19.75901 (13081419)	672132.37	4342430.64	33.62019 (13050904)
672353.68	4342430.64	39.44078 (10011503)	672574.99	4342430.64	24.52585 (11012804)
668148.79	4342595.60	7.90364 (09121623)	668370.10	4342595.60	8.72839 (09121623)
668591.41	4342595.60	9.72725 (12121918)	668812.72	4342595.60	10.83673 (10020203)
669034.03	4342595.60	12.21245 (09010221)	669255.34	4342595.60	14.01114 (13120721)
669476.65	4342595.60	16.06554 (10121602)	669697.96	4342595.60	18.96279 (10120703)
669919.27	4342595.60	22.26576 (13020221)	670140.58	4342595.60	28.32757 (10012403)
670361.89	4342595.60	40.34632 (09122606)	670583.20	4342595.60	38.10143 (12121220)
670804.51	4342595.60	62.11841 (09120808)	671025.82	4342595.60	85.98249 (13020304)
671247.13	4342595.60	49.53884 (09080620)	671468.44	4342595.60	18.06766 (13050605)
671689.75	4342595.60	14.02769 (12063022)	671911.06	4342595.60	12.17638 (10042105)
672132.37	4342595.60	16.61268 (12100619)	672353.68	4342595.60	38.05296 (12013023)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672574.99	4342595.60	25.06695	(10011503)	668148.79	4342760.56	7.85815 (10020203)
668370.10	4342760.56	8.67289	(09010221)	668591.41	4342760.56	9.55307 (13120721)
668812.72	4342760.56	10.60509	(11121806)	669034.03	4342760.56	12.01485 (10121602)
669255.34	4342760.56	13.64797	(10120703)	669476.65	4342760.56	15.39137 (13020221)
669697.96	4342760.56	21.29259	(11010901)	669919.27	4342760.56	24.25262 (10021902)
670140.58	4342760.56	39.47114	(12012907)	670361.89	4342760.56	45.60494 (10020205)
670583.20	4342760.56	27.25399	(13082806)	670804.51	4342760.56	38.81155 (09072101)
671025.82	4342760.56	40.46705	(10080601)	671247.13	4342760.56	19.67619 (13012117)
671468.44	4342760.56	14.27149	(10020119)	671689.75	4342760.56	12.33958 (09112608)
671911.06	4342760.56	10.33034	(12063021)	672132.37	4342760.56	10.18648 (13012706)
672353.68	4342760.56	33.40443	(13042320)	672574.99	4342760.56	30.99647 (11121722)
668148.79	4342925.52	7.78463	(13120721)	668370.10	4342925.52	8.46438 (11121806)
668591.41	4342925.52	9.44602	(10012405)	668812.72	4342925.52	10.35634 (10120703)
669034.03	4342925.52	11.56204	(14010203)	669476.65	4342925.52	14.95264 (10012403)
669697.96	4342925.52	21.07861	(10021902)	669919.27	4342925.52	31.78445 (11122703)
670140.58	4342925.52	35.08637	(10020205)	670361.89	4342925.52	36.67110 (13120521)
670583.20	4342925.52	47.96082	(13021803)	670804.51	4342925.52	50.02102 (13021802)
671025.82	4342925.52	14.62377	(13082205)	671247.13	4342925.52	15.70093 (13012117)
671468.44	4342925.52	11.37037	(12011417)	671689.75	4342925.52	10.03598 (13093018)
671911.06	4342925.52	8.62804	(13082319)	672132.37	4342925.52	6.82235 (12041819)
672353.68	4342925.52	13.43090	(13071420)	672574.99	4342925.52	26.63230 (13042320)
668148.79	4343090.48	7.55916	(10012405)	668370.10	4343090.48	8.22190 (10120703)
668591.41	4343090.48	9.13261	(14010203)	669476.65	4343090.48	13.67480 (09012704)
669697.96	4343090.48	15.97093	(09120807)	669919.27	4343090.48	20.73987 (10012404)
670140.58	4343090.48	33.32565	(09120602)	670361.89	4343090.48	29.01173 (13021807)
670583.20	4343090.48	28.80238	(11121724)	670804.51	4343090.48	45.91984 (12111201)
671025.82	4343090.48	12.43958	(13082205)	671247.13	4343090.48	12.48913 (13012117)
671468.44	4343090.48	9.39600	(12011417)	671689.75	4343090.48	7.72810 (11030623)
671911.06	4343090.48	7.16631	(10100218)	672132.37	4343090.48	6.42889 (12063021)
672353.68	4343090.48	5.46928	(11081119)	672574.99	4343090.48	6.86158 (13071420)
668148.79	4343255.44	7.34683	(12123123)	668370.10	4343255.44	8.00453 (13020221)
668591.41	4343255.44	8.81507	(11010901)	669476.65	4343255.44	13.36511 (09120807)
669697.96	4343255.44	15.17435	(10012404)	669919.27	4343255.44	18.33238 (11021306)
670140.58	4343255.44	21.53930	(09021924)	670361.89	4343255.44	22.09833 (13021624)
670583.20	4343255.44	23.30656	(09120805)	670804.51	4343255.44	30.79778 (10021819)
671025.82	4343255.44	10.49650	(12030323)	671247.13	4343255.44	9.93930 (09111117)
671468.44	4343255.44	8.53656	(13100819)	671689.75	4343255.44	7.30740 (13090121)
671911.06	4343255.44	6.45923	(09112608)	672132.37	4343255.44	5.73493 (13082319)
672353.68	4343255.44	5.53800	(12063021)	672574.99	4343255.44	4.42731 (11081119)
668148.79	4343420.40	7.24328	(10121606)	668370.10	4343420.40	7.85235 (13120522)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668591.41	4343420.40	8.51813 (12122805)	668812.72	4343420.40	9.24966 (10021902)
669034.03	4343420.40	9.90076 (09122606)	669255.34	4343420.40	10.98585 (09120807)
669476.65	4343420.40	12.13860 (10012404)	669697.96	4343420.40	14.55010 (11021306)
669919.27	4343420.40	16.04696 (11010402)	670140.58	4343420.40	16.71391 (09011922)
670361.89	4343420.40	18.51967 (11121724)	670583.20	4343420.40	20.03547 (10021822)
670804.51	4343420.40	27.04752 (12122804)	671025.82	4343420.40	26.03310 (10120702)
671247.13	4343420.40	11.89782 (09111117)	671468.44	4343420.40	7.35794 (12101007)
671689.75	4343420.40	6.67353 (12021724)	671911.06	4343420.40	5.29053 (13011004)
672132.37	4343420.40	4.71988 (09040302)	672353.68	4343420.40	4.31589 (10030721)
672574.99	4343420.40	3.91759 (11030418)	668148.79	4343585.36	7.38198 (10012403)
668370.10	4343585.36	7.84881 (12122805)	668591.41	4343585.36	8.02648 (10021902)
668812.72	4343585.36	8.71755 (09122606)	669034.03	4343585.36	9.70403 (09120807)
669255.34	4343585.36	10.55733 (10012404)	669476.65	4343585.36	11.55828 (13120520)
669697.96	4343585.36	12.59474 (13120521)	669919.27	4343585.36	13.75763 (11122602)
670140.58	4343585.36	15.13012 (13021624)	670361.89	4343585.36	16.54187 (11121801)
670583.20	4343585.36	17.71697 (12111201)	670804.51	4343585.36	20.50083 (11010908)
671025.82	4343585.36	24.48991 (12010922)	671247.13	4343585.36	12.05408 (09080620)
671468.44	4343585.36	7.52874 (12101007)	671689.75	4343585.36	6.63719 (12021724)
671911.06	4343585.36	4.89317 (09021120)	672132.37	4343585.36	4.76566 (09112608)
672353.68	4343585.36	4.13224 (12063022)	672574.99	4343585.36	4.06078 (12063021)
668148.79	4343750.32	7.10270 (10021902)	668370.10	4343750.32	7.84868 (09012704)
668591.41	4343750.32	8.11563 (12012907)	668812.72	4343750.32	8.59589 (09120807)
669034.03	4343750.32	10.35606 (10012404)	669255.34	4343750.32	10.91756 (13120520)
669476.65	4343750.32	10.99879 (09120602)	669697.96	4343750.32	11.75558 (09021924)
669919.27	4343750.32	12.73886 (10120202)	670140.58	4343750.32	13.88466 (11121724)
670361.89	4343750.32	15.25024 (10021822)	670583.20	4343750.32	16.08396 (13020304)
670804.51	4343750.32	17.10482 (09020202)	671025.82	4343750.32	18.30454 (09042824)
671247.13	4343750.32	28.91786 (12011703)	671468.44	4343750.32	25.64130 (12021921)
671689.75	4343750.32	25.57401 (13122623)	671911.06	4343750.32	11.95423 (11071821)
672132.37	4343750.32	5.62260 (09112608)	672353.68	4343750.32	4.05709 (10100218)
672574.99	4343750.32	3.65569 (10050719)	668148.79	4343915.28	6.54198 (09012704)
668370.10	4343915.28	7.46324 (12012907)	668591.41	4343915.28	8.53176 (09120807)
668812.72	4343915.28	8.90838 (10012404)	669034.03	4343915.28	10.27073 (12021920)
669255.34	4343915.28	11.14124 (13020224)	669476.65	4343915.28	11.05827 (13022504)
669697.96	4343915.28	11.10069 (13021807)	669919.27	4343915.28	11.82602 (10011505)
670140.58	4343915.28	12.89216 (10121220)	670361.89	4343915.28	13.63056 (09122802)
670583.20	4343915.28	15.00591 (10021819)	670804.51	4343915.28	15.83634 (10052103)
671025.82	4343915.28	18.38567 (09042824)	671247.13	4343915.28	17.33773 (12011703)
671468.44	4343915.28	23.10674 (10041523)	671689.75	4343915.28	19.29652 (13122623)
671911.06	4343915.28	9.47533 (13111705)	672132.37	4343915.28	8.52533 (12022623)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	6.01975	(10011504)	672574.99	4343915.28	4.55274 (11092319)
668148.79	4344080.24	6.43258	(11122703)	668370.10	4344080.24	7.07352 (09120807)
668591.41	4344080.24	8.03213	(10012404)	668812.72	4344080.24	9.04348 (12021920)
669034.03	4344080.24	10.05543	(13020224)	669255.34	4344080.24	10.99447 (11010402)
669476.65	4344080.24	10.25119	(11122602)	669697.96	4344080.24	10.55398 (13021803)
669919.27	4344080.24	11.30133	(11121724)	670140.58	4344080.24	13.60173 (09120805)
670361.89	4344080.24	12.48432	(09111523)	670583.20	4344080.24	13.87086 (12122804)
670804.51	4344080.24	16.44718	(09022106)	671025.82	4344080.24	23.94832 (09042824)
671247.13	4344080.24	17.24905	(12011703)	671468.44	4344080.24	15.00014 (10041523)
671689.75	4344080.24	10.70099	(11012902)	671911.06	4344080.24	4.95819 (12021724)
672132.37	4344080.24	4.06737	(13082220)	672353.68	4344080.24	4.20459 (09112608)
672574.99	4344080.24	3.63169	(10100218)	671464.71	4342094.27	40.55668 (13052919)
671482.23	4342063.91	42.06837	(13072319)	671498.58	4342030.05	44.86589 (10080119)
671513.75	4341991.52	48.98451	(13050819)	671541.78	4341964.66	49.44849 (13021920)
671575.64	4341974.00	40.91124	(10111924)	671460.75	4342162.97	35.14070 (10073019)
671451.00	4342187.35	35.25230	(09060419)	671510.73	4342219.66	32.01496 (13012706)
671524.14	4342192.84	31.22665	(09052719)	671522.92	4342250.74	33.16560 (10042105)
671599.11	4342252.57	30.78377	(10100221)	671627.76	4342256.84	31.03991 (13081419)
671583.88	4342116.03	27.79177	(10080419)	671595.46	4342071.54	28.25300 (10032618)
671663.12	4342056.30	30.29256	(13021919)	671600.94	4342030.09	31.54760 (13082119)
671526.58	4342155.65	30.19050	(11061119)	671628.98	4342292.19	30.55941 (13081419)
671641.78	4341980.71	36.99128	(12052224)	671666.77	4342018.51	33.62024 (13012708)
671407.11	4342219.66	39.85019	(12121416)	671415.64	4342183.08	39.68869 (10102017)
671635.08	4341706.42	101.64433	(11051920)	671693.59	4341710.08	89.76882 (13052920)
671719.80	4341736.29	88.87435	(12090723)	671673.48	4341630.23	88.65962 (13120120)
671888.04	4341936.22	61.22831	(13122317)	671977.64	4341952.07	36.24837 (09102405)
672039.21	4341894.77	22.68028	(13110517)	671858.17	4341753.96	75.33039 (11032902)
671922.78	4341634.49	59.90968	(12051524)	671613.74	4341791.15	96.93710 (10081303)
671853.29	4341730.80	74.19306	(12041421)	671783.81	4341585.73	72.71042 (11051920)
671783.20	4341546.72	70.14223	(13120120)	671769.18	4341461.38	67.12161 (12123124)
671800.87	4341420.54	63.71661	(12123124)	671880.11	4341427.25	56.91407 (13120120)
672012.39	4341504.66	17.02650	(12081519)	672084.31	4341547.94	23.27504 (12101607)
671915.47	4341478.45	52.41903	(11051920)	671903.28	4341564.40	59.34578 (13052920)
671863.05	4341522.34	63.77325	(11051920)	671830.13	4341336.43	56.31895 (09033019)
671835.62	4341287.66	54.79541	(12121104)	671825.87	4341275.47	53.69227 (12121104)
672136.73	4341370.56	11.36124	(13052920)	671920.34	4341307.17	40.66705 (13122203)
671695.42	4341257.19	52.46916	(12121423)	671682.01	4341176.12	37.52954 (10012623)
671991.66	4341196.23	35.59734	(11010418)	672022.14	4341231.59	29.22528 (12092719)
671992.27	4341177.95	27.61299	(11010418)	671540.60	4341238.29	19.04212 (12101022)
671575.34	4341177.95	16.67088	(12101022)	671454.65	4341196.23	17.43558 (09032507)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP7 ***

INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671523.53	4341116.38	14.69246	(09100407)	671413.20	4341126.74	16.60214 (10050306)
671471.11	4341064.57	13.62172	(09032507)	671601.55	4341050.55	18.67165 (11033119)
671198.64	4341253.53	16.74430	(09091204)	671278.49	4341212.08	18.15535 (13122103)
671230.34	4341132.84	13.79750	(11111319)	671073.08	4341271.82	15.04422 (12050719)
671122.45	4341373.61	19.22754	(12123006)	671118.79	4341397.38	20.56435 (12123006)
670978.40	4341324.15	15.61216	(12123004)	670932.85	4341394.21	18.50935 (12012405)
670935.19	4341367.36	17.37870	(12012405)	671108.01	4340976.17	13.92631 (10102519)
671286.67	4340978.51	13.25501	(13072501)	671675.37	4342488.78	18.41840 (10021919)
671091.40	4342277.23	160.75099	(11011221)	671051.75	4342332.07	96.70495 (10021222)
671051.75	4342369.20	114.16561	(09010721)	670953.04	4342360.76	100.40749 (13022504)
670695.71	4342235.89	72.89574	(12123123)	670545.53	4342318.58	50.86042 (14010203)
670711.74	4342488.16	67.98525	(12021920)	670648.30	4342501.73	56.99536 (13123019)
670648.30	4342630.87	22.44307	(11100924)	670806.29	4342728.41	38.80044 (13070423)
670688.15	4342739.41	19.03394	(13110301)	670804.92	4342427.55	86.64324 (13120520)
670439.48	4342471.51	43.92490	(12122805)	670358.43	4342578.67	39.23697 (09012704)
670546.64	4342662.47	45.05131	(11121108)	670537.03	4342595.15	47.74030 (13123019)
670483.45	4342776.50	38.93669	(12012908)	670508.17	4342754.52	38.69083 (12012908)
670517.79	4342868.54	37.42609	(09020507)	670545.27	4342850.69	32.10861 (09020507)
670582.36	4342878.16	36.03208	(09020308)	670304.85	4342688.57	45.34079 (09120807)
670039.70	4342661.10	25.15690	(12122805)	670156.48	4342673.46	31.00310 (10021902)
670236.16	4342648.73	35.01516	(09012704)	670071.30	4342738.03	29.34673 (09012704)
669990.24	4342753.14	26.43639	(10021902)	669928.42	4342742.15	23.75013 (12122805)
669815.77	4342673.46	21.32332	(10121606)	669742.96	4342655.60	20.53565 (13020221)
669791.04	4342744.90	22.20436	(13120522)	669696.25	4342731.16	21.04133 (10121606)
669536.88	4342552.57	16.84689	(11121806)	671174.86	4342280.21	189.97082 (12122804)
671068.38	4342169.93	138.94893	(10032019)	670965.71	4342179.44	130.54995 (12122807)
670815.50	4342198.45	79.34531	(12123123)	670737.55	4342097.68	70.32180 (11010403)
670762.27	4342069.16	73.34775	(10013107)	670817.40	4342040.64	80.29974 (13020522)
670895.36	4342025.43	90.73948	(11123022)	670979.02	4341915.15	92.60163 (09071703)
671115.92	4341863.81	96.86320	(12020119)	671199.58	4341770.65	102.03933 (09082101)
671222.39	4341377.07	27.98688	(09091204)	671714.84	4341392.28	66.22665 (13011419)
671366.89	4341998.81	281.23299	(13031621)	671226.19	4342236.48	215.52311 (12010922)
669098.44	4343411.59	10.16609	(12012907)	668908.63	4343364.56	9.76092 (10021902)
668851.52	4343359.52	9.59287	(10021902)	668831.37	4343371.27	9.48387 (10021902)
668733.94	4343302.41	9.28306	(10012403)	668686.91	4343199.95	9.27570 (11010901)
668671.79	4343089.09	9.37861	(14010203)	668806.17	4343001.74	10.13710 (12123123)
668918.71	4343025.26	10.68330	(13020221)	669024.53	4342942.95	11.42448 (14010203)
669288.24	4342916.08	13.38239	(10121606)	669333.59	4342922.80	13.70131 (11010901)
669365.51	4342978.23	13.72932	(10012403)	669336.95	4343151.23	12.50502 (10021902)
669303.36	4343304.09	11.60201	(12012907)	669222.73	4343235.22	11.41974 (09012704)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP7 ***
INCLUDING SOURCE(S): STCK1 , STCK2 , STCK3 , STCK4 , STCK5 ,
STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39	4343305.77	10.72350 (09012704)			

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*** AERMET - VERSION 14134 *** *** 17:19:20
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP8 ***
INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668148.79	4340781.04	21.74160 (13010818)	668370.10	4340781.04	13.88869 (13012205)
668591.41	4340781.04	12.42810 (10021523)	668812.72	4340781.04	14.08292 (09071621)
669034.03	4340781.04	11.81968 (11122708)	669255.34	4340781.04	9.43733 (11090721)
669476.65	4340781.04	11.08236 (09090305)	669697.96	4340781.04	8.69977 (10080121)
669919.27	4340781.04	4.93763 (09081222)	670140.58	4340781.04	4.23697 (12101022)
670361.89	4340781.04	3.85366 (12021319)	670583.20	4340781.04	3.46860 (10031020)
670804.51	4340781.04	3.19697 (12030118)	671025.82	4340781.04	2.62708 (10102518)
671247.13	4340781.04	2.73606 (10102518)	671468.44	4340781.04	2.73762 (12041322)
671689.75	4340781.04	2.69147 (09061522)	671911.06	4340781.04	2.91072 (11050906)
672132.37	4340781.04	2.40862 (09061521)	672353.68	4340781.04	2.51371 (13050722)
672574.99	4340781.04	3.24910 (13052920)	668148.79	4340946.00	19.24060 (13120102)
668370.10	4340946.00	23.53748 (13022204)	668591.41	4340946.00	19.80407 (13012904)
668812.72	4340946.00	20.01517 (09071621)	669034.03	4340946.00	11.75455 (11122708)
669255.34	4340946.00	11.01914 (11090721)	669476.65	4340946.00	12.04190 (12081721)
669697.96	4340946.00	6.87600 (13041906)	669919.27	4340946.00	4.64027 (12101022)
670140.58	4340946.00	4.61683 (13012719)	670361.89	4340946.00	4.44471 (13092718)
670583.20	4340946.00	4.77114 (12052524)	670804.51	4340946.00	3.40918 (12021318)
671025.82	4340946.00	3.28208 (10102518)	671247.13	4340946.00	2.92496 (10021924)
671468.44	4340946.00	2.83611 (12041322)	671689.75	4340946.00	3.35337 (11050906)

671911.06	4340946.00	2.99058 (09061521)	672132.37	4340946.00	2.31162 (10021922)
672353.68	4340946.00	2.49858 (09012523)	672574.99	4340946.00	3.08816 (12081519)
668148.79	4341110.96	21.55901 (13012822)	668370.10	4341110.96	24.72199 (13011423)
668591.41	4341110.96	22.07591 (13120119)	668812.72	4341110.96	19.09695 (11012707)
669034.03	4341110.96	14.69601 (11122708)	669255.34	4341110.96	17.19533 (11120723)
669476.65	4341110.96	11.71044 (12081721)	669697.96	4341110.96	6.75391 (13041906)
669919.27	4341110.96	7.27308 (12101022)	670140.58	4341110.96	4.65530 (12021319)
670361.89	4341110.96	4.68626 (13092718)	670583.20	4341110.96	3.69655 (12030118)
670804.51	4341110.96	3.25482 (10102518)	671025.82	4341110.96	3.08536 (10092818)
671247.13	4341110.96	3.25035 (12041322)	671468.44	4341110.96	3.25468 (11050906)
671689.75	4341110.96	3.25361 (10110117)	671911.06	4341110.96	3.03774 (10021922)
672132.37	4341110.96	2.39919 (09012523)	672353.68	4341110.96	2.38922 (12081519)
672574.99	4341110.96	3.31743 (10081303)	668148.79	4341275.92	26.77252 (11012619)
668370.10	4341275.92	29.27968 (10022302)	668591.41	4341275.92	20.96229 (13121008)
668812.72	4341275.92	13.72233 (11012707)	669034.03	4341275.92	8.80170 (09082723)
669255.34	4341275.92	10.69672 (12072321)	669476.65	4341275.92	12.50635 (13072424)
669697.96	4341275.92	9.89351 (13062723)	669919.27	4341275.92	5.92141 (12101022)
670140.58	4341275.92	4.45183 (12021319)	670361.89	4341275.92	4.50528 (12052524)
670583.20	4341275.92	3.71095 (12021318)	670804.51	4341275.92	3.64789 (10102518)
671025.82	4341275.92	3.37886 (12041322)	671247.13	4341275.92	3.54838 (11050906)
671468.44	4341275.92	3.49556 (10110117)	671689.75	4341275.92	3.50095 (10021922)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	3.25497 (09012523)	672132.37	4341275.92	2.54731 (12081519)
672353.68	4341275.92	2.28617 (09010602)	672574.99	4341275.92	3.47998 (12101607)
668148.79	4341440.88	30.30480 (10021601)	668370.10	4341440.88	28.70040 (13010818)
668591.41	4341440.88	20.39418 (10021604)	668812.72	4341440.88	12.70666 (12081701)
669034.03	4341440.88	9.81466 (09082723)	669255.34	4341440.88	13.04781 (10021524)
669476.65	4341440.88	12.18991 (12100124)	669697.96	4341440.88	8.19361 (09081222)
669919.27	4341440.88	5.44003 (13012719)	670140.58	4341440.88	5.17175 (13092718)
670361.89	4341440.88	4.25168 (12030118)	670583.20	4341440.88	4.09961 (10102518)
670804.51	4341440.88	3.92179 (10021924)	671025.82	4341440.88	3.41616 (11050906)
671689.75	4341440.88	5.53341 (13052920)	671911.06	4341440.88	3.43342 (12081519)
672132.37	4341440.88	2.56789 (09010602)	672353.68	4341440.88	2.51903 (13102804)
672574.99	4341440.88	4.66278 (09111517)	668148.79	4341605.84	22.95798 (09020701)
668370.10	4341605.84	17.37095 (13042801)	668591.41	4341605.84	16.62444 (13012205)
668812.72	4341605.84	14.80133 (09042502)	669034.03	4341605.84	13.60873 (09082723)
669255.34	4341605.84	13.59057 (10021524)	669476.65	4341605.84	10.30045 (12061322)
669697.96	4341605.84	7.88548 (12101022)	669919.27	4341605.84	5.69273 (12021319)
670140.58	4341605.84	4.93565 (12052524)	670361.89	4341605.84	4.39920 (12021318)

670583.20	4341605.84	4.28748 (10092818)	670804.51	4341605.84	4.48352 (12041322)
671025.82	4341605.84	4.26816 (11050906)	671689.75	4341605.84	5.52886 (10081303)
671911.06	4341605.84	3.93113 (12090723)	672132.37	4341605.84	3.34126 (12101607)
672353.68	4341605.84	3.21682 (10111117)	672574.99	4341605.84	5.43035 (09073123)
668148.79	4341770.80	35.96726 (09010818)	668370.10	4341770.80	16.83169 (09082904)
668591.41	4341770.80	23.72551 (09121804)	668812.72	4341770.80	20.34405 (13022821)
669034.03	4341770.80	15.53874 (09082723)	669255.34	4341770.80	9.72365 (09011917)
669476.65	4341770.80	8.44522 (12110317)	669697.96	4341770.80	7.80289 (13011817)
669919.27	4341770.80	5.90187 (13092718)	670140.58	4341770.80	5.26612 (12021318)
670361.89	4341770.80	5.17905 (10102518)	670583.20	4341770.80	5.04662 (12041322)
670804.51	4341770.80	5.69738 (11050906)	671025.82	4341770.80	4.88289 (10021922)
671689.75	4341770.80	3.92165 (12101607)	671911.06	4341770.80	4.49092 (12101607)
672132.37	4341770.80	2.73705 (12011017)	672353.68	4341770.80	2.58851 (09031118)
672574.99	4341770.80	5.29343 (11032902)	668148.79	4341935.76	6.15535 (12122707)
668370.10	4341935.76	42.06982 (13021307)	668591.41	4341935.76	25.64800 (10022302)
668812.72	4341935.76	17.54569 (10021523)	669034.03	4341935.76	12.84708 (09082723)
669255.34	4341935.76	9.47878 (10050306)	669476.65	4341935.76	9.28327 (09100407)
669697.96	4341935.76	7.03777 (13012719)	669919.27	4341935.76	5.71105 (10022118)
670140.58	4341935.76	5.18952 (12021318)	670361.89	4341935.76	5.36211 (10021924)
670583.20	4341935.76	6.18878 (11050906)	670804.51	4341935.76	9.81760 (11051920)
671468.44	4341935.76	4.05584 (12101607)	671689.75	4341935.76	4.08682 (10111117)
671911.06	4341935.76	3.59722 (10111117)	672132.37	4341935.76	2.99937 (13011917)
672353.68	4341935.76	2.75738 (13011917)	672574.99	4341935.76	4.31096 (09092922)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4342100.72	37.39874 (10121518)	668370.10	4342100.72	32.72085 (13012808)
668591.41	4342100.72	20.41266 (13120102)	668812.72	4342100.72	19.28499 (09062720)
669034.03	4342100.72	12.43799 (09081620)	669255.34	4342100.72	11.98352 (10050306)
669476.65	4342100.72	8.90106 (11102917)	669697.96	4342100.72	7.97279 (12021319)
669919.27	4342100.72	6.93728 (12021318)	670140.58	4342100.72	6.28419 (10102518)
670361.89	4342100.72	7.05373 (11050906)	670583.20	4342100.72	13.38468 (11051920)
671468.44	4342100.72	3.35667 (12011017)	671689.75	4342100.72	3.60290 (09031118)
671911.06	4342100.72	4.12136 (13011917)	672132.37	4342100.72	3.29028 (09092922)
672353.68	4342100.72	2.63846 (10031618)	672574.99	4342100.72	3.73841 (10010517)
668148.79	4342265.68	48.43473 (09121805)	668370.10	4342265.68	32.57479 (12120803)
668591.41	4342265.68	51.93780 (09101922)	668812.72	4342265.68	43.81866 (13121008)
669034.03	4342265.68	36.02080 (13122606)	669255.34	4342265.68	21.04006 (12081721)
669476.65	4342265.68	16.18568 (12101022)	669697.96	4342265.68	11.30688 (13092718)
669919.27	4342265.68	9.46131 (11111217)	670140.58	4342265.68	8.49816 (12041322)
670361.89	4342265.68	12.54100 (12080720)	670583.20	4342265.68	13.19695 (13052920)

670804.51	4342265.68	10.27819 (12090723)	671025.82	4342265.68	5.28175 (12101607)
671247.13	4342265.68	5.05852 (10111117)	671468.44	4342265.68	4.33039 (13011917)
671689.75	4342265.68	3.88911 (13011917)	671911.06	4342265.68	3.78674 (09092922)
672132.37	4342265.68	3.17718 (10010517)	672353.68	4342265.68	3.06313 (11012717)
672574.99	4342265.68	4.29680 (13111517)	668148.79	4342430.64	8.76597 (13121005)
668370.10	4342430.64	60.52922 (09012803)	668591.41	4342430.64	12.23894 (09020701)
668812.72	4342430.64	13.75337 (13022204)	669034.03	4342430.64	14.48593 (13011907)
669255.34	4342430.64	67.48286 (09010404)	669476.65	4342430.64	39.33134 (11120721)
669697.96	4342430.64	32.74729 (13010201)	669919.27	4342430.64	22.37927 (13122203)
670140.58	4342430.64	20.78104 (11092622)	670361.89	4342430.64	17.16367 (13052920)
670583.20	4342430.64	6.70533 (09120718)	670804.51	4342430.64	7.85944 (10111117)
671025.82	4342430.64	5.86726 (13042619)	671247.13	4342430.64	4.68384 (13011917)
671468.44	4342430.64	3.84948 (09122206)	671689.75	4342430.64	3.26195 (10031618)
671911.06	4342430.64	3.34984 (11012717)	672132.37	4342430.64	3.58356 (09050719)
672353.68	4342430.64	5.03433 (10091419)	672574.99	4342430.64	7.28867 (12081720)
668148.79	4342595.60	10.07362 (13022521)	668370.10	4342595.60	12.26079 (09021007)
668591.41	4342595.60	15.06794 (09010405)	668812.72	4342595.60	17.80563 (10022302)
669034.03	4342595.60	19.20557 (13011106)	669255.34	4342595.60	92.27393 (09012719)
669476.65	4342595.60	75.33996 (10012623)	669697.96	4342595.60	36.14333 (12100704)
669919.27	4342595.60	40.64456 (11092622)	670140.58	4342595.60	18.16048 (13052920)
670361.89	4342595.60	11.36818 (12101607)	670583.20	4342595.60	6.40071 (09031118)
670804.51	4342595.60	6.81295 (13011917)	671025.82	4342595.60	6.71706 (09092922)
671247.13	4342595.60	4.27013 (11012717)	671468.44	4342595.60	3.72828 (11012717)
671689.75	4342595.60	3.54901 (13051019)	671911.06	4342595.60	3.17725 (13051019)
672132.37	4342595.60	3.19739 (13120717)	672353.68	4342595.60	4.23046 (13120717)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					

672574.99	4342595.60	5.90956 (09090320)	668148.79	4342760.56	40.59086 (10121505)
668370.10	4342760.56	79.33725 (12011604)	668591.41	4342760.56	19.28757 (10123023)
668812.72	4342760.56	102.83106 (10021601)	669034.03	4342760.56	96.31671 (13121118)
669255.34	4342760.56	68.63332 (13062723)	669476.65	4342760.56	91.07279 (13010201)
669697.96	4342760.56	18.97314 (11050906)	669919.27	4342760.56	14.82827 (12081519)
670140.58	4342760.56	9.21204 (13102804)	670361.89	4342760.56	9.13856 (13011917)
670583.20	4342760.56	6.59039 (09122206)	670804.51	4342760.56	5.44006 (11012717)
671025.82	4342760.56	5.38289 (09050719)	671247.13	4342760.56	4.53752 (13051019)
671468.44	4342760.56	3.30494 (13051019)	671689.75	4342760.56	3.00370 (13120717)
671911.06	4342760.56	3.09483 (09012017)	672132.37	4342760.56	3.45388 (09012017)
672353.68	4342760.56	3.99620 (09012017)	672574.99	4342760.56	3.83809 (09092920)
668148.79	4342925.52	55.75741 (10013101)	668370.10	4342925.52	88.16916 (10121505)
668591.41	4342925.52	111.19279 (13122607)	668812.72	4342925.52	164.83534 (09010818)

669034.03	4342925.52	150.53263 (13022822)	669476.65	4342925.52	65.50970 (12050420)
669697.96	4342925.52	19.24055 (12081519)	669919.27	4342925.52	13.30542 (09031118)
670140.58	4342925.52	10.47361 (13011917)	670361.89	4342925.52	7.98354 (11012717)
670583.20	4342925.52	8.54953 (09050719)	670804.51	4342925.52	6.41797 (13120717)
671025.82	4342925.52	4.49566 (09012017)	671247.13	4342925.52	4.80663 (09012017)
671468.44	4342925.52	3.89308 (13021920)	671689.75	4342925.52	3.50954 (13021920)
671911.06	4342925.52	3.09585 (13050720)	672132.37	4342925.52	2.78338 (10111924)
672353.68	4342925.52	3.37351 (11092618)	672574.99	4342925.52	3.88171 (11092618)
668148.79	4343090.48	18.36391 (13020523)	668370.10	4343090.48	26.60060 (12021205)
668591.41	4343090.48	144.35648 (13123002)	669476.65	4343090.48	101.29980 (10081303)
669697.96	4343090.48	39.93222 (11032902)	669919.27	4343090.48	17.76299 (10010517)
670140.58	4343090.48	11.40440 (09050719)	670361.89	4343090.48	11.46524 (13120717)
670583.20	4343090.48	12.34003 (09092920)	670804.51	4343090.48	7.35871 (13110517)
671025.82	4343090.48	4.92460 (10111924)	671247.13	4343090.48	4.23666 (10111924)
671468.44	4343090.48	3.82291 (09010601)	671689.75	4343090.48	3.45329 (09010601)
671911.06	4343090.48	3.08083 (09010601)	672132.37	4343090.48	2.71918 (09010601)
672353.68	4343090.48	2.52335 (12052224)	672574.99	4343090.48	2.70826 (12052224)
668148.79	4343255.44	19.48193 (10013105)	668370.10	4343255.44	28.89642 (11123104)
668591.41	4343255.44	50.13483 (09010402)	669476.65	4343255.44	65.59541 (12081720)
669697.96	4343255.44	36.90510 (09092920)	669919.27	4343255.44	21.89747 (11092618)
670140.58	4343255.44	15.89978 (11092618)	670361.89	4343255.44	18.85333 (09102405)
670583.20	4343255.44	22.26340 (12013019)	670804.51	4343255.44	10.30853 (10093018)
671025.82	4343255.44	5.01851 (12052224)	671247.13	4343255.44	4.28478 (12052224)
671468.44	4343255.44	3.79889 (13050522)	671689.75	4343255.44	3.35281 (13050522)
671911.06	4343255.44	3.00362 (13050522)	672132.37	4343255.44	2.79650 (13050522)
672353.68	4343255.44	2.58233 (13050522)	672574.99	4343255.44	2.34307 (13050522)
668148.79	4343420.40	20.27441 (12011605)	668370.10	4343420.40	30.07983 (12011605)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668591.41	4343420.40	50.87315 (11022224)	668812.72	4343420.40	124.62017 (12121918)
669034.03	4343420.40	903.80233 (11121724)	669255.34	4343420.40	377.06680 (11012804)
669476.65	4343420.40	190.51696 (11110903)	669697.96	4343420.40	31.08316 (12101401)
669919.27	4343420.40	28.62006 (12101401)	670140.58	4343420.40	41.05561 (13020407)
670361.89	4343420.40	31.45146 (13020407)	670583.20	4343420.40	26.09161 (13020407)
670804.51	4343420.40	8.99698 (11081719)	671025.82	4343420.40	5.87464 (11081719)
671247.13	4343420.40	4.56758 (11081719)	671468.44	4343420.40	3.56743 (13012708)
671689.75	4343420.40	3.17225 (13012708)	671911.06	4343420.40	2.84233 (13012708)
672132.37	4343420.40	2.60437 (13012708)	672353.68	4343420.40	2.41385 (13012708)
672574.99	4343420.40	2.23504 (13012708)	668148.79	4343585.36	57.62314 (13020101)
668370.10	4343585.36	81.25298 (13032105)	668591.41	4343585.36	45.36533 (10121606)

668812.72	4343585.36	232.81489 (12121220)	669034.03	4343585.36	178.16442 (13110224)
669255.34	4343585.36	134.55513 (12062820)	669476.65	4343585.36	105.83128 (12013023)
669697.96	4343585.36	113.13994 (09051204)	669919.27	4343585.36	80.55544 (11011824)
670140.58	4343585.36	55.93349 (13031621)	670361.89	4343585.36	37.47164 (12090801)
670583.20	4343585.36	21.05237 (13042019)	670804.51	4343585.36	13.66351 (11110903)
671025.82	4343585.36	8.54256 (11110903)	671247.13	4343585.36	4.14803 (11091818)
671468.44	4343585.36	3.51666 (10102517)	671689.75	4343585.36	3.23664 (10102517)
671911.06	4343585.36	2.86249 (10102517)	672132.37	4343585.36	2.60719 (10102517)
672353.68	4343585.36	2.36329 (10102517)	672574.99	4343585.36	2.17249 (10102517)
668148.79	4343750.32	63.94295 (09020323)	668370.10	4343750.32	46.65106 (13072202)
668591.41	4343750.32	65.87589 (12011719)	668812.72	4343750.32	103.26609 (09120404)
669034.03	4343750.32	46.76068 (13012117)	669255.34	4343750.32	45.85509 (09112608)
669476.65	4343750.32	71.72280 (13120923)	669697.96	4343750.32	83.68185 (11022219)
669919.27	4343750.32	71.47366 (13050904)	670140.58	4343750.32	47.04247 (12011618)
670361.89	4343750.32	27.66184 (11012804)	670583.20	4343750.32	27.97489 (13120201)
670804.51	4343750.32	21.39845 (10080721)	671025.82	4343750.32	14.72031 (12090801)
671247.13	4343750.32	6.33268 (11082219)	671468.44	4343750.32	5.98949 (11082219)
671689.75	4343750.32	5.33164 (12110617)	671911.06	4343750.32	3.79682 (12110617)
672132.37	4343750.32	2.84882 (13021919)	672353.68	4343750.32	2.31466 (13021919)
672574.99	4343750.32	2.17374 (11091818)	668148.79	4343915.28	74.60298 (09012704)
668370.10	4343915.28	45.88616 (12091421)	668591.41	4343915.28	38.67411 (10101722)
668812.72	4343915.28	49.24229 (09122802)	669034.03	4343915.28	34.61117 (09111117)
669255.34	4343915.28	32.55254 (13090121)	669476.65	4343915.28	34.93730 (11092521)
669697.96	4343915.28	57.20669 (13082820)	669919.27	4343915.28	59.78806 (12100619)
670140.58	4343915.28	34.72549 (09060505)	670361.89	4343915.28	28.35245 (10011503)
670583.20	4343915.28	18.84293 (12011618)	670804.51	4343915.28	16.57470 (09051204)
671025.82	4343915.28	10.56367 (11012804)	671247.13	4343915.28	12.84787 (13120201)
671468.44	4343915.28	6.09809 (11082019)	671689.75	4343915.28	4.25253 (11082019)
671911.06	4343915.28	3.31615 (10081319)	672132.37	4343915.28	2.65345 (10081319)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

672353.68	4343915.28	2.48686 (13021919)	672574.99	4343915.28	2.40664 (13021919)
668148.79	4344080.24	59.63036 (13123019)	668370.10	4344080.24	49.60793 (13121803)
668591.41	4344080.24	37.10313 (13061701)	668812.72	4344080.24	32.58234 (10040924)
669034.03	4344080.24	26.58783 (09111117)	669255.34	4344080.24	23.53228 (12021724)
669476.65	4344080.24	36.10131 (10011504)	669697.96	4344080.24	42.72222 (12062820)
669919.27	4344080.24	34.45012 (13071420)	670140.58	4344080.24	16.94362 (12100619)
670361.89	4344080.24	28.68446 (12013023)	670583.20	4344080.24	19.34324 (13050904)
670804.51	4344080.24	10.85368 (10011503)	671025.82	4344080.24	6.64607 (10112508)
671247.13	4344080.24	9.42212 (09051204)	671468.44	4344080.24	7.86757 (11012804)

671689.75	4344080.24	3.90559	(11081519)	671911.06	4344080.24	2.93254	(09120701)
672132.37	4344080.24	2.53814	(12032519)	672353.68	4344080.24	2.54562	(12032519)
672574.99	4344080.24	2.32840	(12032519)	671464.71	4342094.27	3.31478	(12011017)
671482.23	4342063.91	3.44071	(12011017)	671498.58	4342030.05	3.38274	(12011017)
671513.75	4341991.52	3.53503	(13102804)	671541.78	4341964.66	3.55279	(13102804)
671575.64	4341974.00	3.34786	(13102804)	671460.75	4342162.97	3.76328	(09031118)
671451.00	4342187.35	3.87791	(09031118)	671510.73	4342219.66	3.96143	(13011917)
671524.14	4342192.84	3.68853	(09031118)	671522.92	4342250.74	4.32711	(13011917)
671599.11	4342252.57	4.19610	(13011917)	671627.76	4342256.84	4.12343	(13011917)
671583.88	4342116.03	3.53647	(09031118)	671595.46	4342071.54	3.30899	(09031118)
671663.12	4342056.30	3.44166	(09031118)	671600.94	4342030.09	3.10742	(12011017)
671526.58	4342155.65	3.70226	(09031118)	671628.98	4342292.19	3.93814	(13011917)
671641.78	4341980.71	3.54736	(12011017)	671666.77	4342018.51	3.36484	(12011017)
671407.11	4342219.66	3.99836	(09031118)	671415.64	4342183.08	3.83959	(09031118)
671635.08	4341706.42	4.35415	(10081303)	671693.59	4341710.08	4.56008	(12090723)
671719.80	4341736.29	4.49385	(12090723)	671673.48	4341630.23	5.20323	(10081303)
671888.04	4341936.22	3.90605	(10111117)	671977.64	4341952.07	3.46368	(09031118)
672039.21	4341894.77	3.16538	(09031118)	671858.17	4341753.96	5.28142	(12101607)
671922.78	4341634.49	3.84691	(12101607)	671613.74	4341791.15	3.72285	(09120718)
671853.29	4341730.80	5.17326	(12101607)	671783.81	4341585.73	5.46777	(10081303)
671783.20	4341546.72	4.93198	(10081303)	671769.18	4341461.38	4.83162	(13052920)
671800.87	4341420.54	4.64711	(13052920)	671880.11	4341427.25	3.68177	(12081519)
672012.39	4341504.66	2.88150	(09010602)	672084.31	4341547.94	2.91276	(09120718)
671915.47	4341478.45	3.37989	(09010602)	671903.28	4341564.40	3.75835	(12090723)
671863.05	4341522.34	4.17973	(10081303)	671830.13	4341336.43	4.33870	(13052920)
671835.62	4341287.66	3.72190	(13052920)	671825.87	4341275.47	3.86278	(09061904)
672136.73	4341370.56	2.56701	(09010602)	671920.34	4341307.17	3.25380	(12081519)
671695.42	4341257.19	3.47191	(10021922)	671682.01	4341176.12	3.33157	(09061521)
671991.66	4341196.23	3.11261	(09012523)	672022.14	4341231.59	3.00960	(12081519)
671992.27	4341177.95	3.01607	(09012523)	671540.60	4341238.29	3.05837	(10110117)
671575.34	4341177.95	2.95279	(10110117)	671454.65	4341196.23	3.32629	(11050906)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						
671523.53	4341116.38	3.19658	(11050906)	671413.20	4341126.74	3.26667 (11050906)
671471.11	4341064.57	3.07494	(11050906)	671601.55	4341050.55	3.32626 (11050906)
671198.64	4341253.53	3.09033	(12041322)	671278.49	4341212.08	3.18530 (11050906)
671230.34	4341132.84	3.25606	(12041322)	671073.08	4341271.82	3.46012 (12041322)
671122.45	4341373.61	3.49337	(11050906)	671118.79	4341397.38	3.71169 (11050906)
670978.40	4341324.15	3.49242	(12041322)	670932.85	4341394.21	3.76955 (12041322)
670935.19	4341367.36	3.61983	(12041322)	671108.01	4340976.17	2.97795 (10092818)

671286.67	4340978.51	2.85383 (12041322)	671675.37	4342488.78	3.39651 (11012717)
671091.40	4342277.23	5.86122 (10111117)	671051.75	4342332.07	5.37104 (10111117)
671051.75	4342369.20	5.20034 (09031118)	670953.04	4342360.76	5.86004 (10111117)
670695.71	4342235.89	7.88771 (13052220)	670545.53	4342318.58	11.66938 (13052920)
670711.74	4342488.16	6.14335 (12011017)	670648.30	4342501.73	5.69351 (12011017)
670648.30	4342630.87	6.05430 (13011917)	670806.29	4342728.41	5.54231 (10031618)
670688.15	4342739.41	5.89151 (09122206)	670804.92	4342427.55	7.90629 (10111117)
670439.48	4342471.51	11.47018 (10081303)	670358.43	4342578.67	11.01503 (12101607)
670546.64	4342662.47	7.06563 (13011917)	670537.03	4342595.15	6.33173 (09031118)
670483.45	4342776.50	7.50936 (13011917)	670508.17	4342754.52	7.62306 (13011917)
670517.79	4342868.54	6.83814 (11012717)	670545.27	4342850.69	6.48361 (11012717)
670582.36	4342878.16	6.67895 (11012717)	670304.85	4342688.57	9.31513 (12011017)
670039.70	4342661.10	20.51691 (13052920)	670156.48	4342673.46	11.38635 (12090723)
670236.16	4342648.73	10.89717 (12101607)	670071.30	4342738.03	11.10777 (09010602)
669990.24	4342753.14	12.93496 (12081519)	669928.42	4342742.15	17.46196 (13052920)
669815.77	4342673.46	22.33382 (11092622)	669742.96	4342655.60	23.19988 (10082420)
669791.04	4342744.90	16.07354 (11050906)	669696.25	4342731.16	18.00844 (10082420)
669536.88	4342552.57	71.20334 (12121423)	671174.86	4342280.21	5.84615 (10111117)
671068.38	4342169.93	6.64921 (12101607)	670965.71	4342179.44	6.78755 (12090723)
670815.50	4342198.45	10.64683 (10081303)	670737.55	4342097.68	13.08171 (09061904)
670762.27	4342069.16	13.18684 (09061904)	670817.40	4342040.64	11.98606 (09061904)
670895.36	4342025.43	11.39829 (13052920)	670979.02	4341915.15	10.10671 (09061904)
671115.92	4341863.81	8.86386 (13052920)	671199.58	4341770.65	7.68092 (13052920)
671222.39	4341377.07	4.02211 (11050906)	671714.84	4341392.28	4.55666 (13052920)
671366.89	4341998.81	5.39883 (12101607)	671226.19	4342236.48	5.99147 (10111117)
669098.44	4343411.59	861.55566 (09121907)	668908.63	4343364.56	255.94881 (13120722)
668851.52	4343359.52	162.64939 (13120722)	668831.37	4343371.27	142.19359 (13020522)
668733.94	4343302.41	85.27849 (13120804)	668686.91	4343199.95	199.22156 (10121507)
668671.79	4343089.09	177.26698 (13021224)	668806.17	4343001.74	189.16780 (10121518)
668918.71	4343025.26	223.20082 (10021601)	669024.53	4342942.95	179.89013 (11012707)
669288.24	4342916.08	96.90778 (10012623)	669333.59	4342922.80	94.94635 (09011623)
669365.51	4342978.23	109.58316 (12121104)	669336.95	4343151.23	204.06435 (09042621)
669303.36	4343304.09	242.75695 (12081720)	669222.73	4343235.22	407.32930 (11051920)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP8 ***

INCLUDING SOURCE(S): STCK10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39 4343305.77 406.76825 (13120120)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP9 ***
INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668148.79	4340781.04	5.88990	(09042106)	668370.10	4340781.04	6.26201	(09051623)
668591.41	4340781.04	6.55257	(09071801)	668812.72	4340781.04	6.57065	(09073021)
669034.03	4340781.04	6.85226	(10092724)	669255.34	4340781.04	7.73910	(09071822)
669476.65	4340781.04	7.46657	(10072521)	669697.96	4340781.04	8.64147	(09081706)
669919.27	4340781.04	8.94312	(12081321)	670140.58	4340781.04	11.99027	(11082520)
670361.89	4340781.04	14.94668	(09082906)	670583.20	4340781.04	15.25740	(13042801)
670804.51	4340781.04	15.27701	(09052502)	671025.82	4340781.04	19.54745	(12101320)
671247.13	4340781.04	17.95866	(10021524)	671468.44	4340781.04	18.61370	(12010501)
671689.75	4340781.04	15.60346	(13102320)	671911.06	4340781.04	14.64898	(13042120)
672132.37	4340781.04	12.52597	(12121104)	672353.68	4340781.04	11.91886	(12092719)
672574.99	4340781.04	9.41467	(12080720)	668148.79	4340946.00	5.96406	(13060823)
668370.10	4340946.00	6.21173	(09081202)	668591.41	4340946.00	6.47782	(09042106)
668812.72	4340946.00	6.68095	(09051722)	669034.03	4340946.00	6.95878	(13063022)
669255.34	4340946.00	7.56453	(12070922)	669476.65	4340946.00	7.15879	(09092321)
669697.96	4340946.00	9.22029	(09091123)	669919.27	4340946.00	10.58988	(09071823)
670140.58	4340946.00	9.78570	(09081906)	670361.89	4340946.00	14.40480	(12072924)
670583.20	4340946.00	18.78026	(09081820)	670804.51	4340946.00	23.05413	(09053001)
671025.82	4340946.00	23.25792	(12101320)	671247.13	4340946.00	20.87734	(10021524)
671468.44	4340946.00	19.27416	(13122105)	671689.75	4340946.00	16.93530	(11090420)
671911.06	4340946.00	16.52047	(11092019)	672132.37	4340946.00	13.20572	(12123124)
672353.68	4340946.00	12.85196	(11092622)	672574.99	4340946.00	9.02278	(13090819)
668148.79	4341110.96	6.03813	(12081124)	668370.10	4341110.96	6.28385	(12081021)
668591.41	4341110.96	6.52583	(13060823)	668812.72	4341110.96	6.70372	(09082123)
669034.03	4341110.96	6.92197	(13070323)	669255.34	4341110.96	6.68479	(13091119)
669476.65	4341110.96	7.09849	(11090423)	669697.96	4341110.96	9.34628	(11090423)
669919.27	4341110.96	10.27880	(09091123)	670140.58	4341110.96	12.21935	(09092322)
670361.89	4341110.96	18.92369	(09052624)	670583.20	4341110.96	23.97362	(09110122)
670804.51	4341110.96	27.84802	(12110321)	671025.82	4341110.96	27.35417	(13022822)
671247.13	4341110.96	26.30607	(09102203)	671468.44	4341110.96	23.64927	(12101101)
671689.75	4341110.96	22.40538	(11072322)	671911.06	4341110.96	19.79129	(11072220)
672132.37	4341110.96	10.83034	(13122023)	672353.68	4341110.96	13.46070	(09042621)
672574.99	4341110.96	10.86602	(10091119)	668148.79	4341275.92	6.11657	(09051701)
668370.10	4341275.92	6.35716	(09051803)	668591.41	4341275.92	6.57523	(09051802)
668812.72	4341275.92	6.92519	(12081021)	669034.03	4341275.92	8.83218	(09081006)
669255.34	4341275.92	8.66303	(12081106)	669476.65	4341275.92	7.86564	(12081106)
669697.96	4341275.92	7.97577	(11090423)	669919.27	4341275.92	10.04859	(11090423)
670140.58	4341275.92	19.70352	(09051624)	670361.89	4341275.92	23.56567	(10070422)
670583.20	4341275.92	30.33318	(13102324)	670804.51	4341275.92	34.59387	(13122517)
671025.82	4341275.92	32.64568	(09033020)	671247.13	4341275.92	36.80197	(09102318)
671468.44	4341275.92	31.58299	(12091320)	671689.75	4341275.92	16.97813	(11092019)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	18.62849	(09070120)	672132.37	4341275.92	17.51405 (09042621)
672353.68	4341275.92	6.83572	(13052220)	672574.99	4341275.92	11.18259 (09073123)
668148.79	4341440.88	6.14144	(10082505)	668370.10	4341440.88	6.39588 (12080903)
668591.41	4341440.88	6.63950	(09071423)	668812.72	4341440.88	7.40035 (11070322)
669034.03	4341440.88	8.95491	(09081124)	669255.34	4341440.88	6.89640 (09081006)
669476.65	4341440.88	8.64188	(09081006)	669697.96	4341440.88	10.38722 (12081106)
669919.27	4341440.88	14.15009	(09051804)	670140.58	4341440.88	22.04940 (09070423)
670361.89	4341440.88	29.04268	(10091123)	670583.20	4341440.88	36.97513 (13042802)
670804.51	4341440.88	49.06291	(13042622)	671025.82	4341440.88	48.82006 (11101904)
671689.75	4341440.88	12.33081	(10092818)	671911.06	4341440.88	18.13327 (12080720)
672132.37	4341440.88	15.15931	(09102103)	672353.68	4341440.88	17.48742 (13080821)
672574.99	4341440.88	7.26787	(12072720)	668148.79	4341605.84	6.18277 (10070821)
668370.10	4341605.84	6.46485	(09051703)	668591.41	4341605.84	6.77195 (09051703)
668812.72	4341605.84	7.12457	(09070402)	669034.03	4341605.84	6.89410 (12080903)
669255.34	4341605.84	6.41657	(10081606)	669476.65	4341605.84	5.73190 (11081623)
669697.96	4341605.84	7.27344	(09081006)	669919.27	4341605.84	18.43645 (09081621)
670140.58	4341605.84	27.86901	(09042102)	670361.89	4341605.84	35.23512 (11062622)
670583.20	4341605.84	48.93662	(12042021)	670804.51	4341605.84	68.39446 (12072924)
671025.82	4341605.84	65.93140	(10083120)	671689.75	4341605.84	13.24481 (12081519)
671911.06	4341605.84	12.16117	(12090723)	672132.37	4341605.84	22.49957 (12072720)
672353.68	4341605.84	16.69898	(10101018)	672574.99	4341605.84	7.38982 (12072820)
668148.79	4341770.80	6.18507	(11072422)	668370.10	4341770.80	6.53959 (11072422)
668591.41	4341770.80	6.69310	(12081024)	668812.72	4341770.80	6.90483 (12081024)
669034.03	4341770.80	6.84130	(12080902)	669255.34	4341770.80	8.86759 (10101307)
669476.65	4341770.80	7.80011	(10101307)	669697.96	4341770.80	11.52337 (10082505)
669919.27	4341770.80	22.09366	(11070804)	670140.58	4341770.80	31.19033 (10081423)
670361.89	4341770.80	42.37735	(10081122)	670583.20	4341770.80	69.05100 (09110206)
670804.51	4341770.80	19.35190	(12100107)	671025.82	4341770.80	16.89875 (09091205)
671689.75	4341770.80	19.23855	(09073123)	671911.06	4341770.80	13.58828 (12070821)
672132.37	4341770.80	21.44041	(10091419)	672353.68	4341770.80	16.90712 (13111501)
672574.99	4341770.80	7.40258	(09090320)	668148.79	4341935.76	6.19762 (13081706)
668370.10	4341935.76	6.47801	(13081706)	668591.41	4341935.76	6.73192 (13081706)
668812.72	4341935.76	7.02302	(13081706)	669034.03	4341935.76	7.56305 (13081706)
669255.34	4341935.76	7.48672	(12082106)	669476.65	4341935.76	10.26356 (11070401)
669697.96	4341935.76	18.59078	(12092106)	669919.27	4341935.76	24.34770 (11080503)
670140.58	4341935.76	32.35825	(13051423)	670361.89	4341935.76	48.04135 (13080324)
670583.20	4341935.76	36.52981	(09071423)	670804.51	4341935.76	17.73850 (11092207)
671468.44	4341935.76	89.16062	(12070821)	671689.75	4341935.76	56.10431 (09090320)
671911.06	4341935.76	27.96284	(13090719)	672132.37	4341935.76	25.54230 (13032919)
672353.68	4341935.76	10.74569	(12013019)	672574.99	4341935.76	9.75874 (10093018)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668148.79	4342100.72	6.20144 (09082124)	668370.10	4342100.72	6.46601 (09082124)
668591.41	4342100.72	6.82403 (09082124)	668812.72	4342100.72	7.06087 (09082124)
669034.03	4342100.72	7.75007 (09082124)	669255.34	4342100.72	8.71569 (12080206)
669476.65	4342100.72	9.39886 (12080206)	669697.96	4342100.72	15.77202 (10072022)
669919.27	4342100.72	22.24702 (10071003)	670140.58	4342100.72	33.28595 (11101403)
670361.89	4342100.72	13.69879 (12100307)	670583.20	4342100.72	13.58826 (11070506)
671468.44	4342100.72	118.61150 (11060920)	671689.75	4342100.72	53.79580 (13042705)
671911.06	4342100.72	35.10721 (10080120)	672132.37	4342100.72	25.05588 (13042705)
672353.68	4342100.72	16.85238 (13020407)	672574.99	4342100.72	11.35288 (10080120)
668148.79	4342265.68	6.19996 (11070922)	668370.10	4342265.68	6.46145 (11070922)
668591.41	4342265.68	6.66289 (09072122)	668812.72	4342265.68	6.89227 (09072122)
669034.03	4342265.68	6.56093 (09072122)	669255.34	4342265.68	7.20385 (13071503)
669476.65	4342265.68	8.48550 (13071503)	669697.96	4342265.68	10.37701 (13071503)
669919.27	4342265.68	10.51231 (13071503)	670140.58	4342265.68	10.38814 (11082404)
670361.89	4342265.68	11.43268 (09072206)	670583.20	4342265.68	13.39953 (11082406)
670804.51	4342265.68	19.26555 (11070206)	671025.82	4342265.68	30.59347 (09090122)
671247.13	4342265.68	23.79358 (12083019)	671468.44	4342265.68	51.43676 (13082519)
671689.75	4342265.68	36.49328 (13101918)	671911.06	4342265.68	30.78003 (10080721)
672132.37	4342265.68	25.60850 (12090801)	672353.68	4342265.68	17.96987 (12090801)
672574.99	4342265.68	9.75392 (11082219)	668148.79	4342430.64	6.19013 (10092703)
668370.10	4342430.64	6.42017 (13070101)	668591.41	4342430.64	6.68563 (13070101)
668812.72	4342430.64	6.87816 (11082722)	669034.03	4342430.64	6.73845 (13071603)
669255.34	4342430.64	6.50865 (13071503)	669476.65	4342430.64	6.33836 (13071503)
669697.96	4342430.64	6.01233 (13081603)	669919.27	4342430.64	7.62630 (11080306)
670140.58	4342430.64	9.38717 (11080306)	670361.89	4342430.64	10.01630 (11082406)
670583.20	4342430.64	15.33052 (13082002)	670804.51	4342430.64	15.57084 (12061706)
671025.82	4342430.64	14.84614 (09082220)	671247.13	4342430.64	103.07937 (13061120)
671468.44	4342430.64	63.91656 (09090619)	671689.75	4342430.64	36.58730 (12063020)
671911.06	4342430.64	24.79993 (11103004)	672132.37	4342430.64	15.82379 (13071520)
672353.68	4342430.64	9.22002 (12081919)	672574.99	4342430.64	8.28865 (12081919)
668148.79	4342595.60	6.17403 (13071603)	668370.10	4342595.60	6.41894 (12081004)
668591.41	4342595.60	6.65508 (10081906)	668812.72	4342595.60	6.85265 (11082601)
669034.03	4342595.60	6.71991 (12080823)	669255.34	4342595.60	6.17041 (13083122)
669476.65	4342595.60	6.35162 (11080306)	669697.96	4342595.60	7.71168 (11080306)
669919.27	4342595.60	7.99711 (11080306)	670140.58	4342595.60	8.16718 (11082705)
670361.89	4342595.60	13.04928 (09072506)	670583.20	4342595.60	47.37835 (09072505)
670804.51	4342595.60	38.40551 (11080402)	671025.82	4342595.60	14.35710 (09082221)
671247.13	4342595.60	62.73541 (10090419)	671468.44	4342595.60	28.53474 (11040220)

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671689.75 4342595.60 29.23743 (13120923) 671911.06 4342595.60 20.46385 (13101318)
672132.37 4342595.60 17.66289 (13041019) 672353.68 4342595.60 9.69877 (10082519)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
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PAGE 1000
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP9 ***
INCLUDING SOURCE(S): STCK7 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
672574.99 4342595.60 9.79579 (10082519) 668148.79 4342760.56 6.11927 (11082601)
668370.10 4342760.56 6.37649 (12080823) 668591.41 4342760.56 6.60394 (13082106)
668812.72 4342760.56 6.81820 (12081105) 669034.03 4342760.56 6.75835 (09072502)
669255.34 4342760.56 6.31406 (09071921) 669476.65 4342760.56 6.52868 (11080306)
669697.96 4342760.56 8.83427 (12081006) 669919.27 4342760.56 7.55938 (12081006)
670140.58 4342760.56 10.34947 (09072506) 670361.89 4342760.56 11.29027 (12080406)
670583.20 4342760.56 35.62819 (11101423) 670804.51 4342760.56 46.41778 (09090301)
671025.82 4342760.56 51.87278 (13081505) 671247.13 4342760.56 37.82620 (13100819)
671468.44 4342760.56 32.59790 (13051720) 671689.75 4342760.56 21.41930 (10041619)
671911.06 4342760.56 10.17729 (13120923) 672132.37 4342760.56 19.05835 (13101318)
672353.68 4342760.56 7.61069 (12092018) 672574.99 4342760.56 7.35669 (11081819)
668148.79 4342925.52 6.07325 (13083122) 668370.10 4342925.52 6.31156 (12081105)
668591.41 4342925.52 6.55939 (12081104) 668812.72 4342925.52 6.75630 (09071921)
669034.03 4342925.52 6.86315 (09062904) 669476.65 4342925.52 7.56765 (12081006)
669697.96 4342925.52 8.00980 (12081006) 669919.27 4342925.52 8.53834 (09072506)
670140.58 4342925.52 14.66685 (12080604) 670361.89 4342925.52 21.58166 (10071305)
670583.20 4342925.52 11.63271 (09072306) 670804.51 4342925.52 19.17393 (10090404)
671025.82 4342925.52 30.50341 (11121005) 671247.13 4342925.52 29.37234 (13100819)
671468.44 4342925.52 19.28350 (10112604) 671689.75 4342925.52 9.01779 (11040220)
671911.06 4342925.52 7.28981 (11030418) 672132.37 4342925.52 4.30972 (12080819)
672353.68 4342925.52 15.15372 (12063020) 672574.99 4342925.52 6.35667 (13081319)
668148.79 4343090.48 6.01527 (12081104) 668370.10 4343090.48 6.24023 (09071921)
668591.41 4343090.48 6.50309 (09062904) 669476.65 4343090.48 6.25139 (09062524)
669697.96 4343090.48 6.90024 (13081506) 669919.27 4343090.48 7.17363 (12080406)
670140.58 4343090.48 9.72805 (12080406) 670361.89 4343090.48 11.49915 (11082704)
670583.20 4343090.48 7.93883 (09072306) 670804.51 4343090.48 9.82594 (09082219)
671025.82 4343090.48 23.09034 (11121418) 671247.13 4343090.48 22.65895 (10040803)
671468.44 4343090.48 9.72745 (13111705) 671689.75 4343090.48 4.59831 (09102701)
671911.06 4343090.48 4.15119 (13073119) 672132.37 4343090.48 4.08473 (11030418)
672353.68 4343090.48 3.45156 (12080819) 672574.99 4343090.48 9.12165 (10041606)
668148.79 4343255.44 5.94151 (09062904) 668370.10 4343255.44 6.16757 (11082823)
668591.41 4343255.44 6.42344 (13083121) 669476.65 4343255.44 6.89797 (13081506)
669697.96 4343255.44 7.14290 (13081506) 669919.27 4343255.44 7.57891 (12080406)
670140.58 4343255.44 8.11059 (11082704) 670361.89 4343255.44 7.71001 (11082704)
670583.20 4343255.44 6.58952 (09082219) 670804.51 4343255.44 9.01831 (09082219)
671025.82 4343255.44 19.48931 (09020506) 671247.13 4343255.44 15.12005 (13111523)

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671468.44	4343255.44	14.04220	(09120817)	671689.75	4343255.44	4.20226	(13073019)
671911.06	4343255.44	3.50388	(13073119)	672132.37	4343255.44	3.00202	(11032104)
672353.68	4343255.44	3.38816	(11081119)	672574.99	4343255.44	2.82054	(12080819)
668148.79	4343420.40	5.83608	(13083121)	668370.10	4343420.40	6.09863	(11070405)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

668591.41	4343420.40	6.33337	(09063005)	668812.72	4343420.40	6.52464	(09072405)
669034.03	4343420.40	6.75280	(13070824)	669255.34	4343420.40	6.82027	(10081706)
669476.65	4343420.40	6.96539	(13081506)	669697.96	4343420.40	6.35575	(09062923)
669919.27	4343420.40	6.16505	(12080406)	670140.58	4343420.40	7.66483	(11082704)
670361.89	4343420.40	5.37466	(09072306)	670583.20	4343420.40	7.27134	(09082219)
670804.51	4343420.40	8.21554	(13082205)	671025.82	4343420.40	19.24153	(12062103)
671247.13	4343420.40	17.37492	(09100204)	671468.44	4343420.40	7.70666	(09120817)
671689.75	4343420.40	3.76998	(13073019)	671911.06	4343420.40	2.82029	(11072519)
672132.37	4343420.40	2.89431	(13073119)	672353.68	4343420.40	2.45133	(10102017)
672574.99	4343420.40	2.52179	(11081119)	668148.79	4343585.36	5.78224	(09062924)
668370.10	4343585.36	6.01365	(13072202)	668591.41	4343585.36	6.22165	(11082621)
668812.72	4343585.36	6.42798	(13070824)	669034.03	4343585.36	6.56286	(10081706)
669255.34	4343585.36	6.82717	(12071222)	669476.65	4343585.36	6.94331	(10082524)
669697.96	4343585.36	6.64472	(10090424)	669919.27	4343585.36	6.46507	(11082704)
670140.58	4343585.36	6.47894	(11082704)	670361.89	4343585.36	5.28917	(11082401)
670583.20	4343585.36	7.11248	(09082219)	670804.51	4343585.36	6.13696	(13082205)
671025.82	4343585.36	4.98572	(12062103)	671247.13	4343585.36	14.74705	(11102005)
671468.44	4343585.36	11.32185	(11012902)	671689.75	4343585.36	8.71480	(10112604)
671911.06	4343585.36	3.24641	(11081319)	672132.37	4343585.36	2.70621	(13073119)
672353.68	4343585.36	2.22491	(13073119)	672574.99	4343585.36	2.29643	(11081119)
668148.79	4343750.32	5.65057	(13072202)	668370.10	4343750.32	5.87342	(11082621)
668591.41	4343750.32	6.10271	(10071805)	668812.72	4343750.32	6.25113	(10081706)
669034.03	4343750.32	6.61737	(12071222)	669255.34	4343750.32	6.74732	(12071022)
669476.65	4343750.32	6.86149	(10071304)	669697.96	4343750.32	6.90742	(13083124)
669919.27	4343750.32	6.59441	(09090422)	670140.58	4343750.32	6.32220	(12080203)
670361.89	4343750.32	5.95789	(09090301)	670583.20	4343750.32	6.51235	(09082219)
670804.51	4343750.32	5.31653	(12072824)	671025.82	4343750.32	4.75883	(10082020)
671247.13	4343750.32	7.88308	(12100218)	671468.44	4343750.32	7.36660	(10090419)
671689.75	4343750.32	8.26254	(09052720)	671911.06	4343750.32	9.35609	(13100219)
672132.37	4343750.32	6.13855	(11052620)	672353.68	4343750.32	2.46169	(13073119)
672574.99	4343750.32	2.03424	(10102017)	668148.79	4343915.28	5.55337	(09062524)
668370.10	4343915.28	5.78907	(10071805)	668591.41	4343915.28	6.01393	(10081706)
668812.72	4343915.28	6.23664	(12071222)	669034.03	4343915.28	6.65205	(12071022)
669255.34	4343915.28	6.90764	(11082620)	669476.65	4343915.28	6.75932	(11073002)

669697.96	4343915.28	6.91013	(11082703)	669919.27	4343915.28	6.90937	(13070423)
670140.58	4343915.28	6.66726	(11092803)	670361.89	4343915.28	6.46781	(10062824)
670583.20	4343915.28	6.25233	(13070422)	670804.51	4343915.28	5.97562	(12091903)
671025.82	4343915.28	5.89948	(10082020)	671247.13	4343915.28	6.40938	(12100218)
671468.44	4343915.28	6.49114	(12100218)	671689.75	4343915.28	7.94788	(10090419)
671911.06	4343915.28	9.18934	(13100818)	672132.37	4343915.28	9.77210	(13121422)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

PAGE 1002

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

672353.68	4343915.28	5.85048	(11040220)	672574.99	4343915.28	4.58976	(13010305)
668148.79	4344080.24	5.44856	(10071805)	668370.10	4344080.24	5.59595	(10081706)
668591.41	4344080.24	5.90228	(12071222)	668812.72	4344080.24	6.29035	(11092401)
669034.03	4344080.24	6.83810	(09062923)	669255.34	4344080.24	7.21424	(10090424)
669476.65	4344080.24	6.63202	(10072903)	669697.96	4344080.24	6.76271	(09090422)
669919.27	4344080.24	6.85825	(11080402)	670140.58	4344080.24	6.95501	(10090501)
670361.89	4344080.24	6.52570	(10062824)	670583.20	4344080.24	6.52269	(13083123)
670804.51	4344080.24	7.07812	(13081505)	671025.82	4344080.24	7.61660	(10082020)
671247.13	4344080.24	7.30204	(09091819)	671468.44	4344080.24	7.29753	(12100218)
671689.75	4344080.24	7.37103	(09080521)	671911.06	4344080.24	5.51800	(10112604)
672132.37	4344080.24	2.85903	(11081319)	672353.68	4344080.24	2.29861	(11081319)
672574.99	4344080.24	2.08827	(13052019)	671464.71	4342094.27	120.79506	(13042705)
671482.23	4342063.91	104.65002	(12101518)	671498.58	4342030.05	92.58967	(12090119)
671513.75	4341991.52	71.02587	(09090320)	671541.78	4341964.66	77.30599	(12081720)
671575.64	4341974.00	51.45410	(12090119)	671460.75	4342162.97	87.27427	(13120201)
671451.00	4342187.35	111.96793	(13101918)	671510.73	4342219.66	83.85259	(13101918)
671524.14	4342192.84	75.08801	(13101918)	671522.92	4342250.74	63.82265	(11103004)
671599.11	4342252.57	57.94150	(13101918)	671627.76	4342256.84	52.55332	(13101918)
671583.88	4342116.03	69.42878	(12071720)	671595.46	4342071.54	61.68855	(13122719)
671663.12	4342056.30	60.72538	(12101518)	671600.94	4342030.09	76.29657	(09102405)
671526.58	4342155.65	72.03231	(13120201)	671628.98	4342292.19	30.11334	(11103004)
671641.78	4341980.71	60.55447	(12090119)	671666.77	4342018.51	56.73321	(12101518)
671407.11	4342219.66	82.19757	(13041019)	671415.64	4342183.08	119.70293	(13101918)
671635.08	4341706.42	15.32318	(12081519)	671693.59	4341710.08	14.11995	(09080919)
671719.80	4341736.29	13.64079	(09092218)	671673.48	4341630.23	13.34675	(12081519)
671888.04	4341936.22	24.94555	(13090719)	671977.64	4341952.07	33.55031	(13090719)
672039.21	4341894.77	23.01566	(12090119)	671858.17	4341753.96	9.79622	(10081219)
671922.78	4341634.49	13.88672	(09073123)	671613.74	4341791.15	26.00373	(11090519)
671853.29	4341730.80	10.25600	(10081219)	671783.81	4341585.73	13.05485	(12081519)
671783.20	4341546.72	12.20721	(12081519)	671769.18	4341461.38	9.18704	(10092818)
671800.87	4341420.54	9.13668	(10092818)	671880.11	4341427.25	15.37101	(12080720)
672012.39	4341504.66	24.45342	(12051524)	672084.31	4341547.94	18.41684	(09073123)

671915.47	4341478.45	18.63076	(13090819)	671903.28	4341564.40	13.84049	(12090723)
671863.05	4341522.34	12.01622	(12081519)	671830.13	4341336.43	10.39923	(10092818)
671835.62	4341287.66	10.98699	(10092818)	671825.87	4341275.47	11.18821	(10092818)
672136.73	4341370.56	17.11666	(13052220)	671920.34	4341307.17	21.02018	(12091119)
671695.42	4341257.19	18.35045	(11092019)	671682.01	4341176.12	24.54705	(13072002)
671991.66	4341196.23	19.27211	(09070120)	672022.14	4341231.59	19.41998	(12091119)
671992.27	4341177.95	19.67177	(12092719)	671540.60	4341238.29	22.75281	(09060721)
671575.34	4341177.95	25.50335	(09060721)	671454.65	4341196.23	29.58139	(09050820)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

671523.53	4341116.38	24.14996	(12051420)	671413.20	4341126.74	23.28507	(11012701)
671471.11	4341064.57	22.11349	(11012701)	671601.55	4341050.55	17.30932	(13102320)
671198.64	4341253.53	31.91647	(10021524)	671278.49	4341212.08	32.84767	(11011506)
671230.34	4341132.84	26.44370	(09050801)	671073.08	4341271.82	31.84355	(10101802)
671122.45	4341373.61	43.62138	(11061003)	671118.79	4341397.38	46.31030	(11061003)
670978.40	4341324.15	37.86360	(11020706)	670932.85	4341394.21	44.95860	(13042024)
670935.19	4341367.36	42.16116	(13012205)	671108.01	4340976.17	22.18524	(10050122)
671286.67	4340978.51	20.31563	(13112806)	671675.37	4342488.78	40.94646	(11071520)
671091.40	4342277.23	28.81316	(11091019)	671051.75	4342332.07	41.34366	(13070420)
671051.75	4342369.20	22.13701	(09082221)	670953.04	4342360.76	25.58421	(09072306)
670695.71	4342235.89	17.95406	(12071006)	670545.53	4342318.58	13.66540	(11082406)
670711.74	4342488.16	28.16610	(10071304)	670648.30	4342501.73	39.90689	(13083102)
670648.30	4342630.87	49.63977	(09083124)	670806.29	4342728.41	48.80522	(09082924)
670688.15	4342739.41	41.84921	(12110704)	670804.92	4342427.55	15.73074	(12061706)
670439.48	4342471.51	12.83525	(11082705)	670358.43	4342578.67	12.63949	(09072506)
670546.64	4342662.47	34.46595	(09090201)	670537.03	4342595.15	34.65580	(13051222)
670483.45	4342776.50	30.44858	(12080605)	670508.17	4342754.52	32.76584	(12080605)
670517.79	4342868.54	28.49181	(10081702)	670545.27	4342850.69	32.29391	(11080204)
670582.36	4342878.16	31.07074	(13070423)	670304.85	4342688.57	11.17245	(13072206)
670039.70	4342661.10	7.34314	(11082705)	670156.48	4342673.46	10.09875	(09072506)
670236.16	4342648.73	11.60821	(09072506)	670071.30	4342738.03	9.80380	(09072506)
669990.24	4342753.14	8.42947	(09072506)	669928.42	4342742.15	7.50819	(12081006)
669815.77	4342673.46	7.84607	(12081006)	669742.96	4342655.60	7.73325	(11080306)
669791.04	4342744.90	8.69561	(12081006)	669696.25	4342731.16	8.31043	(12081006)
669536.88	4342552.57	6.27718	(11080306)	671174.86	4342280.21	22.18777	(09091818)
671068.38	4342169.93	12.18506	(12092609)	670965.71	4342179.44	15.07640	(12061707)
670815.50	4342198.45	19.10079	(09062906)	670737.55	4342097.68	16.47610	(11070506)
670762.27	4342069.16	16.70730	(12091407)	670817.40	4342040.64	18.53889	(12091407)
670895.36	4342025.43	13.14182	(12091407)	670979.02	4341915.15	16.34407	(12091207)
671115.92	4341863.81	15.60816	(13081722)	671199.58	4341770.65	21.01602	(13091307)

671222.39	4341377.07	34.96984	(09102318)	671714.84	4341392.28	12.04133	(10092818)
671366.89	4341998.81	24.43291	(09072619)	671226.19	4342236.48	23.40389	(12060119)
669098.44	4343411.59	6.79551	(10071805)	668908.63	4343364.56	6.64700	(09072405)
668851.52	4343359.52	6.60836	(09072405)	668831.37	4343371.27	6.58274	(09072405)
668733.94	4343302.41	6.52169	(09062924)	668686.91	4343199.95	6.55234	(13083121)
668671.79	4343089.09	6.56517	(11082823)	668806.17	4343001.74	6.74828	(09062904)
668918.71	4343025.26	6.80643	(13070103)	669024.53	4342942.95	6.86672	(11082823)
669288.24	4342916.08	6.81677	(12081006)	669333.59	4342922.80	7.13311	(12081006)
669365.51	4342978.23	7.29697	(12081006)	669336.95	4343151.23	6.66962	(11082621)
669303.36	4343304.09	6.86566	(10071805)	669222.73	4343235.22	6.87763	(09062524)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP9 ***

INCLUDING SOURCE(S): STCK7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	6.88152	(09062524)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	3.75950	(09071703)	668370.10	4340781.04	3.80114	(13060823)
668591.41	4340781.04	3.77814	(11072905)	668812.72	4340781.04	3.57300	(12081121)
669034.03	4340781.04	3.38483	(09092704)	669255.34	4340781.04	3.70446	(13042906)
669476.65	4340781.04	3.83609	(11090423)	669697.96	4340781.04	3.91875	(09060221)
669919.27	4340781.04	4.23133	(09080203)	670140.58	4340781.04	6.62829	(10121121)
670361.89	4340781.04	9.15057	(12010420)	670583.20	4340781.04	14.66560	(09010405)
670804.51	4340781.04	15.54313	(13042801)	671025.82	4340781.04	16.11932	(13122018)
671247.13	4340781.04	11.61884	(13011907)	671468.44	4340781.04	15.17943	(11011506)
671689.75	4340781.04	15.96856	(10031702)	671911.06	4340781.04	14.92881	(13052221)
672132.37	4340781.04	6.50258	(09041524)	672353.68	4340781.04	11.86358	(12050420)

672574.99	4340781.04	5.75674	(11092622)	668148.79	4340946.00	3.75383	(12100302)
668370.10	4340946.00	3.79335	(11070324)	668591.41	4340946.00	3.69138	(09071703)
668812.72	4340946.00	3.51256	(09081006)	669034.03	4340946.00	3.58835	(12081106)
669255.34	4340946.00	3.49878	(10100907)	669476.65	4340946.00	3.37574	(13112708)
669697.96	4340946.00	4.54203	(11090423)	669919.27	4340946.00	5.51114	(12122705)
670140.58	4340946.00	4.57140	(13063021)	670361.89	4340946.00	7.54659	(13022703)
670583.20	4340946.00	10.93985	(12020121)	670804.51	4340946.00	18.28393	(10021601)
671025.82	4340946.00	17.89427	(10021604)	671247.13	4340946.00	9.19527	(09081620)
671468.44	4340946.00	10.38095	(11090720)	671689.75	4340946.00	17.71490	(12051420)
671911.06	4340946.00	14.43613	(09012801)	672132.37	4340946.00	5.94751	(10092818)
672353.68	4340946.00	12.76269	(11092622)	672574.99	4340946.00	5.38794	(09061904)
668148.79	4341110.96	3.76372	(09091021)	668370.10	4341110.96	3.77500	(11080923)
668591.41	4341110.96	3.66355	(12071102)	668812.72	4341110.96	3.46950	(12081124)
669034.03	4341110.96	3.27744	(09081006)	669255.34	4341110.96	3.34375	(09081006)
669476.65	4341110.96	3.21087	(10100907)	669697.96	4341110.96	4.12439	(10100907)
669919.27	4341110.96	4.33383	(10080806)	670140.58	4341110.96	6.07192	(12122705)
670361.89	4341110.96	9.99472	(10123024)	670583.20	4341110.96	17.85542	(09021007)
670804.51	4341110.96	19.87290	(09010818)	671025.82	4341110.96	12.37048	(12081403)
671247.13	4341110.96	14.98948	(13011907)	671468.44	4341110.96	11.21133	(13122102)
671689.75	4341110.96	14.30098	(10012623)	671911.06	4341110.96	14.76433	(12121104)
672132.37	4341110.96	6.54328	(11050906)	672353.68	4341110.96	6.23682	(09061904)
672574.99	4341110.96	6.46705	(12090723)	668148.79	4341275.92	3.78727	(10082505)
668370.10	4341275.92	3.76047	(09070304)	668591.41	4341275.92	3.61735	(09071422)
668812.72	4341275.92	3.44067	(09091021)	669034.03	4341275.92	4.20301	(11080923)
669255.34	4341275.92	3.16231	(09011817)	669476.65	4341275.92	3.28097	(09011817)
669697.96	4341275.92	3.53379	(09011817)	669919.27	4341275.92	4.41451	(09073024)
670140.58	4341275.92	11.76955	(10121505)	670361.89	4341275.92	15.76806	(13021224)
670583.20	4341275.92	20.73371	(10123021)	670804.51	4341275.92	20.46981	(09122319)
671025.82	4341275.92	12.60185	(14010117)	671247.13	4341275.92	30.29644	(09031920)
671468.44	4341275.92	19.54520	(13031523)	671689.75	4341275.92	8.57861	(13072002)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

671911.06	4341275.92	10.58060	(10031019)	672132.37	4341275.92	8.27790	(09061904)
672353.68	4341275.92	4.86199	(09092218)	672574.99	4341275.92	6.85216	(13080821)
668148.79	4341440.88	3.78814	(12080622)	668370.10	4341440.88	3.73931	(09092502)
668591.41	4341440.88	3.60347	(09092502)	668812.72	4341440.88	3.50310	(12061201)
669034.03	4341440.88	3.85945	(10082505)	669255.34	4341440.88	3.04354	(13081406)
669476.65	4341440.88	3.24545	(13081406)	669697.96	4341440.88	3.92987	(09012605)
669919.27	4341440.88	6.86531	(13120803)	670140.58	4341440.88	14.70025	(09121724)
670361.89	4341440.88	20.78064	(13011407)	670583.20	4341440.88	22.51159	(12122717)

670804.51	4341440.88	32.05273 (09120120)	671025.82	4341440.88	28.53120 (11120408)
671689.75	4341440.88	8.97335 (13062120)	671911.06	4341440.88	10.25947 (09042621)
672132.37	4341440.88	12.36898 (12101607)	672353.68	4341440.88	15.03003 (11032902)
672574.99	4341440.88	4.10442 (10113021)	668148.79	4341605.84	3.78959 (12082305)
668370.10	4341605.84	3.73407 (12082305)	668591.41	4341605.84	3.59746 (12081024)
668812.72	4341605.84	3.48801 (10101307)	669034.03	4341605.84	3.60348 (10101307)
669255.34	4341605.84	3.46259 (10101307)	669476.65	4341605.84	3.76168 (13031905)
669697.96	4341605.84	3.91007 (09032322)	669919.27	4341605.84	8.96596 (13012122)
670140.58	4341605.84	14.08547 (13020523)	670361.89	4341605.84	23.04146 (11010323)
670583.20	4341605.84	28.91991 (10021406)	670804.51	4341605.84	27.79319 (13120720)
671025.82	4341605.84	53.09118 (10123023)	671689.75	4341605.84	11.47030 (13012901)
671911.06	4341605.84	7.66469 (11091718)	672132.37	4341605.84	19.55336 (13080820)
672353.68	4341605.84	16.87289 (10091419)	672574.99	4341605.84	4.07491 (11011517)
668148.79	4341770.80	3.79459 (09062503)	668370.10	4341770.80	3.74870 (09062503)
668591.41	4341770.80	3.55531 (09062503)	668812.72	4341770.80	3.32508 (11070803)
669034.03	4341770.80	3.09610 (13021408)	669255.34	4341770.80	3.89310 (13021408)
669476.65	4341770.80	3.75868 (13021408)	669697.96	4341770.80	5.54524 (13082224)
669919.27	4341770.80	11.19885 (10013105)	670140.58	4341770.80	17.03633 (11120619)
670361.89	4341770.80	23.26878 (09021920)	670583.20	4341770.80	28.72929 (13120724)
670804.51	4341770.80	12.90322 (11070305)	671025.82	4341770.80	23.00522 (09092222)
671689.75	4341770.80	13.18471 (13040803)	671911.06	4341770.80	8.15205 (12080119)
672132.37	4341770.80	19.92744 (09092920)	672353.68	4341770.80	8.36688 (13110517)
672574.99	4341770.80	4.36495 (13120418)	668148.79	4341935.76	3.79200 (11072702)
668370.10	4341935.76	3.72073 (11072702)	668591.41	4341935.76	3.54908 (11072702)
668812.72	4341935.76	3.32654 (11072702)	669034.03	4341935.76	3.72838 (12080206)
669255.34	4341935.76	3.95117 (12080206)	669476.65	4341935.76	5.19913 (11072702)
669697.96	4341935.76	11.26902 (11010504)	669919.27	4341935.76	15.68489 (11010504)
670140.58	4341935.76	18.97486 (11010504)	670361.89	4341935.76	24.28453 (11010504)
670583.20	4341935.76	11.58524 (10111018)	670804.51	4341935.76	11.23378 (09092024)
671468.44	4341935.76	39.86797 (13020407)	671689.75	4341935.76	27.82835 (10080120)
671911.06	4341935.76	14.44934 (10080120)	672132.37	4341935.76	17.45931 (10080120)
672353.68	4341935.76	6.18876 (13092218)	672574.99	4341935.76	4.83464 (10080120)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668148.79	4342100.72	3.79069 (12090406)	668370.10	4342100.72	3.71545 (10072504)
668591.41	4342100.72	3.57432 (13071004)	668812.72	4342100.72	3.35604 (13071004)
669034.03	4342100.72	3.46148 (12021408)	669255.34	4342100.72	3.74425 (12021408)
669476.65	4342100.72	4.64153 (11092906)	669697.96	4342100.72	7.81064 (09121706)
669919.27	4342100.72	10.64804 (11022224)	670140.58	4342100.72	17.60351 (12121507)
670361.89	4342100.72	6.46951 (11070801)	670583.20	4342100.72	6.89793 (11122622)

671468.44	4342100.72	73.73895 (13120923)	671689.75	4342100.72	46.73633 (10011503)
671911.06	4342100.72	19.68177 (11012804)	672132.37	4342100.72	23.71762 (13031621)
672353.68	4342100.72	9.38826 (11082219)	672574.99	4342100.72	5.39699 (13042019)
668148.79	4342265.68	3.79119 (11092906)	668370.10	4342265.68	3.74047 (10092703)
668591.41	4342265.68	3.58571 (10092703)	668812.72	4342265.68	3.37723 (13071503)
669034.03	4342265.68	3.42866 (13071503)	669255.34	4342265.68	3.33201 (13071503)
669476.65	4342265.68	3.30629 (13081603)	669697.96	4342265.68	4.00313 (13120901)
669919.27	4342265.68	4.49332 (13120723)	670140.58	4342265.68	4.73287 (11031701)
670361.89	4342265.68	5.11155 (12012124)	670583.20	4342265.68	6.31255 (11071822)
670804.51	4342265.68	9.29862 (13051705)	671025.82	4342265.68	15.39858 (13040324)
671247.13	4342265.68	19.96186 (12052120)	671468.44	4342265.68	54.58723 (13121422)
671689.75	4342265.68	35.92498 (13071420)	671911.06	4342265.68	25.11413 (12013023)
672132.37	4342265.68	14.72970 (10011503)	672353.68	4342265.68	14.31127 (09051204)
672574.99	4342265.68	4.23213 (12081919)	668148.79	4342430.64	3.78601 (09080305)
668370.10	4342430.64	3.77327 (13060822)	668591.41	4342430.64	3.58954 (13070105)
668812.72	4342430.64	3.42886 (09111101)	669034.03	4342430.64	3.18976 (12050206)
669255.34	4342430.64	3.37659 (11080506)	669476.65	4342430.64	3.26706 (11080506)
669697.96	4342430.64	3.15680 (13111221)	669919.27	4342430.64	3.37331 (13020620)
670140.58	4342430.64	3.70279 (09022706)	670361.89	4342430.64	4.15123 (13121722)
670583.20	4342430.64	7.04832 (13121202)	670804.51	4342430.64	9.09512 (10121224)
671025.82	4342430.64	11.38088 (09083103)	671247.13	4342430.64	45.42384 (09020506)
671468.44	4342430.64	38.03886 (11021121)	671689.75	4342430.64	30.48018 (09070620)
671911.06	4342430.64	25.17052 (13071420)	672132.37	4342430.64	14.34964 (11121722)
672353.68	4342430.64	4.38200 (13080704)	672574.99	4342430.64	3.77426 (12051401)
668148.79	4342595.60	3.78478 (11082822)	668370.10	4342595.60	3.77670 (11082902)
668591.41	4342595.60	3.63421 (11073024)	668812.72	4342595.60	3.42024 (11082924)
669034.03	4342595.60	3.22572 (11080506)	669255.34	4342595.60	2.99762 (11080706)
669476.65	4342595.60	3.30042 (11080306)	669697.96	4342595.60	3.19658 (12073006)
669919.27	4342595.60	3.14169 (11030104)	670140.58	4342595.60	3.65338 (11031702)
670361.89	4342595.60	4.89339 (12011706)	670583.20	4342595.60	16.82574 (09120602)
670804.51	4342595.60	11.50768 (10040724)	671025.82	4342595.60	8.88698 (09101722)
671247.13	4342595.60	19.86962 (13010421)	671468.44	4342595.60	17.11641 (12021724)
671689.75	4342595.60	9.48134 (10100218)	671911.06	4342595.60	9.99419 (11030418)
672132.37	4342595.60	18.00028 (11083019)	672353.68	4342595.60	4.51750 (12070204)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672574.99	4342595.60	4.07577 (13092318)	668148.79	4342760.56	3.77476 (12091024)
668370.10	4342760.56	3.79257 (09082424)	668591.41	4342760.56	3.66311 (11073023)
668812.72	4342760.56	3.47189 (12081104)	669034.03	4342760.56	3.43748 (11080706)
669255.34	4342760.56	3.32044 (11080706)	669476.65	4342760.56	3.07727 (09090522)

669697.96	4342760.56	3.48309	(13112608)	669919.27	4342760.56	3.45789	(09022704)
670140.58	4342760.56	4.24065	(12011706)	670361.89	4342760.56	4.91552	(11030904)
670583.20	4342760.56	18.29732	(13021807)	670804.51	4342760.56	16.72330	(09120805)
671025.82	4342760.56	17.78620	(11010908)	671247.13	4342760.56	21.69136	(09010118)
671468.44	4342760.56	11.12497	(12011417)	671689.75	4342760.56	8.64442	(09112608)
671911.06	4342760.56	5.49913	(10030721)	672132.37	4342760.56	11.62407	(13031619)
672353.68	4342760.56	5.97948	(11083019)	672574.99	4342760.56	4.09905	(12100619)
668148.79	4342925.52	3.75715	(10091205)	668370.10	4342925.52	3.80498	(12082322)
668591.41	4342925.52	3.70014	(09071921)	668812.72	4342925.52	3.53647	(09062904)
669034.03	4342925.52	3.41239	(11101407)	669476.65	4342925.52	3.23003	(13112608)
669697.96	4342925.52	3.82497	(11080106)	669919.27	4342925.52	3.80002	(10051621)
670140.58	4342925.52	6.73745	(13120520)	670361.89	4342925.52	9.34607	(09120924)
670583.20	4342925.52	4.70877	(13120602)	670804.51	4342925.52	7.64733	(09031404)
671025.82	4342925.52	9.92258	(13083123)	671247.13	4342925.52	14.73865	(12011703)
671468.44	4342925.52	5.88896	(12031904)	671689.75	4342925.52	5.48902	(09021120)
671911.06	4342925.52	4.70626	(09040302)	672132.37	4342925.52	3.97729	(10021919)
672353.68	4342925.52	13.61547	(13120923)	672574.99	4342925.52	6.65148	(11083019)
668148.79	4343090.48	3.74270	(09071921)	668370.10	4343090.48	3.79327	(13070903)
668591.41	4343090.48	3.72221	(13070103)	669476.65	4343090.48	3.34594	(11112908)
669697.96	4343090.48	3.14501	(10012407)	669919.27	4343090.48	3.40985	(13073106)
670140.58	4343090.48	3.89809	(12080406)	670361.89	4343090.48	4.02680	(10122401)
670583.20	4343090.48	3.77717	(13120603)	670804.51	4343090.48	4.45255	(11022819)
671025.82	4343090.48	7.22663	(13082205)	671247.13	4343090.48	9.24320	(09080620)
671468.44	4343090.48	4.95063	(10121422)	671689.75	4343090.48	4.37411	(13050605)
671911.06	4343090.48	3.80730	(09102701)	672132.37	4343090.48	3.55273	(11052220)
672353.68	4343090.48	3.03915	(12041819)	672574.99	4343090.48	4.92615	(13082820)
668148.79	4343255.44	3.73740	(13071201)	668370.10	4343255.44	3.76400	(10080205)
668591.41	4343255.44	3.76892	(10080401)	669476.65	4343255.44	3.38385	(12042404)
669697.96	4343255.44	3.05350	(13032507)	669919.27	4343255.44	3.46037	(12080406)
670140.58	4343255.44	3.33502	(09110317)	670361.89	4343255.44	3.19664	(12011704)
670583.20	4343255.44	3.19617	(13022507)	670804.51	4343255.44	4.10071	(09030722)
671025.82	4343255.44	5.63732	(13082205)	671247.13	4343255.44	5.70250	(13012117)
671468.44	4343255.44	4.42749	(10122221)	671689.75	4343255.44	3.52749	(10020119)
671911.06	4343255.44	3.07811	(13052419)	672132.37	4343255.44	2.98521	(11053024)
672353.68	4343255.44	2.85818	(11032104)	672574.99	4343255.44	2.41049	(10102017)
668148.79	4343420.40	3.69838	(13120522)	668370.10	4343420.40	3.77134	(09062924)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

668591.41	4343420.40	3.80485	(09072503)	668812.72	4343420.40	3.72756	(12051624)
669034.03	4343420.40	3.57680	(12042123)	669255.34	4343420.40	3.42585	(10032019)

669476.65	4343420.40	3.27515	(13111117)	669697.96	4343420.40	3.49322	(11101601)
669919.27	4343420.40	3.38074	(11091602)	670140.58	4343420.40	3.34142	(11082704)
670361.89	4343420.40	3.16232	(13110302)	670583.20	4343420.40	3.23968	(10110417)
670804.51	4343420.40	3.81011	(10122408)	671025.82	4343420.40	11.94301	(12010922)
671247.13	4343420.40	12.40728	(12011703)	671468.44	4343420.40	3.75392	(10122221)
671689.75	4343420.40	3.25174	(10020119)	671911.06	4343420.40	2.76804	(13052619)
672132.37	4343420.40	2.31470	(09102701)	672353.68	4343420.40	2.41294	(13073119)
672574.99	4343420.40	2.13401	(10102017)	668148.79	4343585.36	3.70246	(12082323)
668370.10	4343585.36	3.73962	(12030401)	668591.41	4343585.36	3.78524	(13031705)
668812.72	4343585.36	3.78290	(13031403)	669034.03	4343585.36	3.64168	(12051620)
669255.34	4343585.36	3.50732	(10051620)	669476.65	4343585.36	3.39954	(11101601)
669697.96	4343585.36	3.32838	(11091602)	669919.27	4343585.36	3.16668	(10011101)
670140.58	4343585.36	3.39505	(11082704)	670361.89	4343585.36	2.88348	(11050506)
670583.20	4343585.36	3.03060	(10110417)	670804.51	4343585.36	2.98020	(11122621)
671025.82	4343585.36	3.58619	(12020620)	671247.13	4343585.36	12.17558	(12011703)
671468.44	4343585.36	5.08489	(12101007)	671689.75	4343585.36	3.60305	(12011417)
671911.06	4343585.36	2.85533	(13050605)	672132.37	4343585.36	2.56315	(13050520)
672353.68	4343585.36	2.07656	(13052019)	672574.99	4343585.36	2.04624	(12121416)
668148.79	4343750.32	3.66663	(12030401)	668370.10	4343750.32	3.73427	(13031705)
668591.41	4343750.32	3.77358	(11031704)	668812.72	4343750.32	3.77952	(10051621)
669034.03	4343750.32	3.73940	(10032020)	669255.34	4343750.32	3.63061	(13051222)
669476.65	4343750.32	3.45336	(12052201)	669697.96	4343750.32	3.47933	(10101722)
669919.27	4343750.32	3.39615	(11082704)	670140.58	4343750.32	3.25994	(12111517)
670361.89	4343750.32	3.07406	(11050506)	670583.20	4343750.32	3.15633	(09082219)
670804.51	4343750.32	3.00841	(13082205)	671025.82	4343750.32	2.79566	(12011420)
671247.13	4343750.32	3.83981	(11102403)	671468.44	4343750.32	4.21690	(13071620)
671689.75	4343750.32	4.84712	(13122623)	671911.06	4343750.32	9.68113	(13111705)
672132.37	4343750.32	3.18487	(13093018)	672353.68	4343750.32	2.23728	(09040302)
672574.99	4343750.32	2.19013	(11052220)	668148.79	4343915.28	3.63253	(09122606)
668370.10	4343915.28	3.69616	(11031704)	668591.41	4343915.28	3.74077	(10051621)
668812.72	4343915.28	3.79219	(10032020)	669034.03	4343915.28	3.85694	(13051222)
669255.34	4343915.28	3.74643	(12051621)	669476.65	4343915.28	3.57797	(11073002)
669697.96	4343915.28	3.42680	(13051220)	669919.27	4343915.28	3.43242	(11100219)
670140.58	4343915.28	3.11612	(09081322)	670361.89	4343915.28	3.03541	(09111017)
670583.20	4343915.28	3.29603	(09082219)	670804.51	4343915.28	3.04863	(13082205)
671025.82	4343915.28	2.91139	(10032124)	671247.13	4343915.28	3.28875	(09111117)
671468.44	4343915.28	4.44332	(10041523)	671689.75	4343915.28	8.12293	(11012902)
671911.06	4343915.28	8.15752	(09080521)	672132.37	4343915.28	7.32773	(13082220)

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*** AERMET - VERSION 14134 *** ***

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PAGE 1010

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

672353.68	4343915.28	4.06787 (13110817)	672574.99	4343915.28	2.84262 (10100218)
668148.79	4344080.24	3.59608 (13121123)	668370.10	4344080.24	3.64544 (10121221)
668591.41	4344080.24	3.72568 (10032020)	668812.72	4344080.24	3.80780 (10050823)
669034.03	4344080.24	3.96413 (11040504)	669255.34	4344080.24	3.99996 (10063023)
669476.65	4344080.24	3.67281 (09042702)	669697.96	4344080.24	3.54651 (10070124)
669919.27	4344080.24	3.44803 (12111517)	670140.58	4344080.24	3.31027 (13052102)
670361.89	4344080.24	3.20077 (12030424)	670583.20	4344080.24	3.18990 (09082219)
670804.51	4344080.24	3.36440 (13082205)	671025.82	4344080.24	4.51224 (09042824)
671247.13	4344080.24	3.68440 (09111117)	671468.44	4344080.24	4.13994 (12100218)
671689.75	4344080.24	8.30437 (10052101)	671911.06	4344080.24	2.68020 (10020119)
672132.37	4344080.24	2.36472 (11030623)	672353.68	4344080.24	2.36851 (09122822)
672574.99	4344080.24	2.08395 (09040302)	671464.71	4342094.27	78.14690 (13082820)
671482.23	4342063.91	80.97381 (13101318)	671498.58	4342030.05	81.26490 (13050904)
671513.75	4341991.52	74.48194 (11012804)	671541.78	4341964.66	61.06223 (13042019)
671575.64	4341974.00	60.22123 (12090801)	671460.75	4342162.97	60.74418 (10041619)
671451.00	4342187.35	60.05662 (11092319)	671510.73	4342219.66	54.00618 (10041619)
671524.14	4342192.84	52.39459 (09090619)	671522.92	4342250.74	53.14714 (13010305)
671599.11	4342252.57	47.00749 (12022605)	671627.76	4342256.84	44.22154 (13120923)
671583.88	4342116.03	36.89650 (13082519)	671595.46	4342071.54	39.31949 (13050904)
671663.12	4342056.30	52.61947 (12011618)	671600.94	4342030.09	57.70493 (09051204)
671526.58	4342155.65	46.45678 (13061520)	671628.98	4342292.19	40.33687 (13010221)
671641.78	4341980.71	50.89210 (13042019)	671666.77	4342018.51	53.05672 (09010407)
671407.11	4342219.66	64.56076 (13072720)	671415.64	4342183.08	70.64252 (09111121)
671635.08	4341706.42	14.37644 (13011019)	671693.59	4341710.08	12.60275 (10100424)
671719.80	4341736.29	11.80069 (13010923)	671673.48	4341630.23	12.49174 (10050520)
671888.04	4341936.22	12.57861 (10080120)	671977.64	4341952.07	20.67256 (13020407)
672039.21	4341894.77	27.39007 (10052202)	671858.17	4341753.96	8.72387 (12080119)
671922.78	4341634.49	7.79476 (11091718)	671613.74	4341791.15	16.52983 (13010923)
671853.29	4341730.80	8.62636 (11091121)	671783.81	4341585.73	9.70316 (13012901)
671783.20	4341546.72	9.58221 (13012901)	671769.18	4341461.38	8.86558 (13011104)
671800.87	4341420.54	8.28154 (13011104)	671880.11	4341427.25	7.69116 (10030905)
672012.39	4341504.66	23.07631 (09102103)	672084.31	4341547.94	22.93832 (12041421)
671915.47	4341478.45	10.14841 (13052220)	671903.28	4341564.40	7.50508 (12052604)
671863.05	4341522.34	8.46103 (13012901)	671830.13	4341336.43	7.14772 (13011104)
671835.62	4341287.66	6.62878 (13011017)	671825.87	4341275.47	6.59411 (13062120)
672136.73	4341370.56	6.83712 (12081519)	671920.34	4341307.17	14.00683 (13120120)
671695.42	4341257.19	9.72242 (12121501)	671682.01	4341176.12	16.30804 (09060721)
671991.66	4341196.23	13.10900 (10022220)	672022.14	4341231.59	16.18163 (13120120)
671992.27	4341177.95	16.84429 (10022220)	671540.60	4341238.29	26.23380 (10031702)
671575.34	4341177.95	17.49476 (10090519)	671454.65	4341196.23	24.14757 (11120720)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

671523.53	4341116.38	12.28840	(13062723)	671413.20	4341126.74	19.36529	(11011506)
671471.11	4341064.57	10.86124	(13122102)	671601.55	4341050.55	21.67497	(10031702)
671198.64	4341253.53	18.58625	(11012707)	671278.49	4341212.08	24.31351	(10050122)
671230.34	4341132.84	13.35239	(10101802)	671073.08	4341271.82	13.33249	(12081403)
671122.45	4341373.61	29.21997	(13022204)	671118.79	4341397.38	33.89096	(09121804)
670978.40	4341324.15	17.37825	(11120408)	670932.85	4341394.21	25.26352	(09013124)
670935.19	4341367.36	23.42710	(09042501)	671108.01	4340976.17	13.04889	(10021523)
671286.67	4340978.51	10.71416	(13072501)	671675.37	4342488.78	21.24792	(11092319)
671091.40	4342277.23	16.70516	(10011107)	671051.75	4342332.07	15.23512	(09120805)
671051.75	4342369.20	13.09045	(09091901)	670953.04	4342360.76	12.05766	(09092805)
670695.71	4342235.89	8.52884	(13121722)	670545.53	4342318.58	5.95772	(13121722)
670711.74	4342488.16	9.36125	(11022822)	670648.30	4342501.73	11.83752	(11030904)
670648.30	4342630.87	23.19668	(13020619)	670806.29	4342728.41	17.25526	(11121801)
670688.15	4342739.41	19.23578	(10011104)	670804.92	4342427.55	9.10950	(10121224)
670439.48	4342471.51	4.85824	(11122922)	670358.43	4342578.67	4.65282	(12011706)
670546.64	4342662.47	12.05878	(13120521)	670537.03	4342595.15	11.60443	(11021306)
670483.45	4342776.50	12.00012	(09120924)	670508.17	4342754.52	12.84379	(09120924)
670517.79	4342868.54	11.65563	(09011922)	670545.27	4342850.69	14.44866	(09010720)
670582.36	4342878.16	13.00743	(13021624)	670304.85	4342688.57	4.60719	(09012705)
670039.70	4342661.10	3.40603	(11031702)	670156.48	4342673.46	4.10864	(10020321)
670236.16	4342648.73	4.46711	(10020321)	670071.30	4342738.03	4.09320	(10020321)
669990.24	4342753.14	3.71826	(09022704)	669928.42	4342742.15	3.35866	(09022704)
669815.77	4342673.46	3.13680	(11030104)	669742.96	4342655.60	3.09944	(12072506)
669791.04	4342744.90	3.30594	(11080106)	669696.25	4342731.16	3.34913	(13112608)
669536.88	4342552.57	3.27284	(11080306)	671174.86	4342280.21	18.19638	(11021301)
671068.38	4342169.93	20.64557	(12021002)	670965.71	4342179.44	15.11109	(13070602)
670815.50	4342198.45	9.71103	(13121722)	670737.55	4342097.68	8.40743	(11020401)
670762.27	4342069.16	8.89299	(11122622)	670817.40	4342040.64	9.83452	(11122622)
670895.36	4342025.43	11.94502	(12021607)	670979.02	4341915.15	16.83840	(11012001)
671115.92	4341863.81	30.12815	(09011324)	671199.58	4341770.65	29.43141	(13021020)
671222.39	4341377.07	37.59779	(13022822)	671714.84	4341392.28	8.44918	(13062120)
671366.89	4341998.81	59.23832	(12022922)	671226.19	4342236.48	21.75309	(12060320)
669098.44	4343411.59	3.52954	(12042123)	668908.63	4343364.56	3.64702	(12051624)
668851.52	4343359.52	3.66894	(12051624)	668831.37	4343371.27	3.68521	(12051624)
668733.94	4343302.41	3.70907	(09063005)	668686.91	4343199.95	3.70832	(10080401)
668671.79	4343089.09	3.70576	(13070103)	668806.17	4343001.74	3.55804	(13070103)
668918.71	4343025.26	3.54593	(11101407)	669024.53	4342942.95	3.45580	(11101407)
669288.24	4342916.08	3.48677	(12081006)	669333.59	4342922.80	3.47517	(12081006)
669365.51	4342978.23	3.28470	(12081006)	669336.95	4343151.23	3.21792	(11112908)
669303.36	4343304.09	3.37584	(12042404)	669222.73	4343235.22	3.31777	(12052101)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP10 ***

INCLUDING SOURCE(S): STCK8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

669135.39 4343305.77 3.45592 (12052101)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79 4340781.04 3.05400 (13120803) 668370.10 4340781.04 3.42159 (12021205)
668591.41 4340781.04 3.78609 (09121724) 668812.72 4340781.04 4.16139 (09120107)
669034.03 4340781.04 4.68315 (13011804) 669255.34 4340781.04 5.31830 (10121505)
669476.65 4340781.04 5.78685 (10121505) 669697.96 4340781.04 5.70246 (10121505)
669919.27 4340781.04 32.23591 (13022521) 670140.58 4340781.04 42.68501 (13121005)
670361.89 4340781.04 43.30563 (12010420) 670583.20 4340781.04 32.75971 (12120803)
670804.51 4340781.04 32.06874 (09101922) 671025.82 4340781.04 28.50223 (13121008)
671247.13 4340781.04 23.48767 (13122606) 671468.44 4340781.04 24.81522 (09090305)
671689.75 4340781.04 29.39382 (11012701) 671911.06 4340781.04 26.27429 (09060721)
672132.37 4340781.04 17.63107 (09041524) 672353.68 4340781.04 27.86217 (12050420)
672574.99 4340781.04 36.16414 (11092622) 668148.79 4340946.00 2.98838 (12020323)
668370.10 4340946.00 3.42019 (11010323) 668591.41 4340946.00 3.83841 (13120803)
668812.72 4340946.00 4.23314 (12013021) 669034.03 4340946.00 4.90197 (10121507)
669255.34 4340946.00 5.56207 (10013101) 669476.65 4340946.00 6.27138 (13011407)
669697.96 4340946.00 7.27228 (10121505) 669919.27 4340946.00 40.91720 (12122705)
670140.58 4340946.00 44.68199 (12011604) 670361.89 4340946.00 51.17263 (13022703)
670583.20 4340946.00 50.79466 (11012401) 670804.51 4340946.00 35.97163 (13042203)
671025.82 4340946.00 30.08613 (13012205) 671247.13 4340946.00 22.10794 (10101802)
671468.44 4340946.00 22.27904 (12081721) 671689.75 4340946.00 36.79255 (10090519)
671911.06 4340946.00 41.10794 (13042120) 672132.37 4340946.00 15.26476 (13090720)
672353.68 4340946.00 22.27906 (11092622) 672574.99 4340946.00 39.48612 (09042621)
668148.79 4341110.96 3.06523 (09010222) 668370.10 4341110.96 3.37385 (13020523)
668591.41 4341110.96 3.90857 (12020323) 668812.72 4341110.96 4.39053 (13010219)
669034.03 4341110.96 5.04467 (13120803) 669255.34 4341110.96 5.63515 (12013021)
669476.65 4341110.96 6.64945 (10121507) 669697.96 4341110.96 7.84500 (13011407)
669919.27 4341110.96 9.24725 (10121505) 670140.58 4341110.96 50.43844 (12122705)
670361.89 4341110.96 51.83033 (09120217) 670583.20 4341110.96 40.70703 (13122918)
670804.51 4341110.96 31.93960 (09013022) 671025.82 4341110.96 24.43720 (10062124)
671247.13 4341110.96 27.61958 (10101802) 671468.44 4341110.96 24.63077 (11090720)
671689.75 4341110.96 57.39737 (10012623) 671911.06 4341110.96 47.44741 (12121104)
672132.37 4341110.96 15.96717 (13120120) 672353.68 4341110.96 16.43280 (09061904)
672574.99 4341110.96 41.75662 (10081303) 668148.79 4341275.92 3.15798 (13120804)
668370.10 4341275.92 3.50731 (13012122) 668591.41 4341275.92 4.02095 (09010402)
668812.72 4341275.92 4.61838 (09010222) 669034.03 4341275.92 5.31764 (13020523)

669255.34	4341275.92	6.05271 (13010219)	669476.65	4341275.92	6.99420 (13120803)
669697.96	4341275.92	8.24809 (12013021)	669919.27	4341275.92	48.49030 (10013101)
670140.58	4341275.92	47.15652 (13123002)	670361.89	4341275.92	42.46179 (12122717)
670583.20	4341275.92	33.28514 (12122704)	670804.51	4341275.92	31.93900 (09072624)
671025.82	4341275.92	24.63654 (12081520)	671247.13	4341275.92	37.51873 (11092719)
671468.44	4341275.92	66.85461 (12010501)	671689.75	4341275.92	89.01057 (09011623)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					
671911.06	4341275.92	67.98288 (12050420)	672132.37	4341275.92	19.15639 (09061904)
672353.68	4341275.92	12.72251 (12101607)	672574.99	4341275.92	45.71041 (13080821)
668148.79	4341440.88	3.19258 (11123104)	668370.10	4341440.88	3.60423 (13022805)
668591.41	4341440.88	4.10674 (13120804)	668812.72	4341440.88	4.76651 (13120804)
669034.03	4341440.88	5.43578 (11123024)	669255.34	4341440.88	6.19997 (09010402)
669476.65	4341440.88	7.28453 (09010222)	669697.96	4341440.88	8.70388 (12020323)
669919.27	4341440.88	52.53459 (13120803)	670140.58	4341440.88	43.00309 (12120824)
670361.89	4341440.88	41.21763 (09051804)	670583.20	4341440.88	34.08987 (12122717)
670804.51	4341440.88	47.22914 (11011819)	671025.82	4341440.88	39.88554 (12041321)
671689.75	4341440.88	21.56190 (12121104)	671911.06	4341440.88	78.76017 (09042621)
672132.37	4341440.88	23.34429 (12101607)	672353.68	4341440.88	24.16689 (12041421)
672574.99	4341440.88	24.64866 (11120722)	668148.79	4341605.84	3.34407 (13121023)
668370.10	4341605.84	3.74834 (13121023)	668591.41	4341605.84	4.23293 (10013105)
668812.72	4341605.84	4.80062 (10013105)	669034.03	4341605.84	5.47988 (11120619)
669255.34	4341605.84	6.34760 (11123104)	669476.65	4341605.84	7.51032 (13120804)
669697.96	4341605.84	9.05358 (13120804)	669919.27	4341605.84	50.27744 (13012122)
670140.58	4341605.84	47.79894 (12011203)	670361.89	4341605.84	40.00171 (12081021)
670583.20	4341605.84	44.67027 (10020808)	670804.51	4341605.84	68.86187 (13013119)
671025.82	4341605.84	79.78886 (13020608)	671689.75	4341605.84	28.19331 (13120120)
671911.06	4341605.84	105.31035 (13092802)	672132.37	4341605.84	42.07963 (12070821)
672353.68	4341605.84	32.77395 (10091419)	672574.99	4341605.84	6.86510 (11120722)
668148.79	4341770.80	3.27777 (12020606)	668370.10	4341770.80	3.79322 (12020606)
668591.41	4341770.80	4.17169 (12020606)	668812.72	4341770.80	4.77138 (12020403)
669034.03	4341770.80	5.54020 (12020403)	669255.34	4341770.80	6.48706 (12020403)
669476.65	4341770.80	22.19426 (12013107)	669697.96	4341770.80	47.40386 (13121023)
669919.27	4341770.80	45.68779 (10013105)	670140.58	4341770.80	42.59222 (09031907)
670361.89	4341770.80	37.10732 (09051703)	670583.20	4341770.80	58.64775 (12010421)
670804.51	4341770.80	160.16278 (12013108)	671025.82	4341770.80	308.20172 (10121505)
671689.75	4341770.80	140.98998 (12070821)	671911.06	4341770.80	114.68783 (13111501)
672132.37	4341770.80	29.23396 (09090320)	672353.68	4341770.80	17.49866 (13122317)
672574.99	4341770.80	7.60094 (13122317)	668148.79	4341935.76	3.14188 (11010504)
668370.10	4341935.76	3.61044 (11010504)	668591.41	4341935.76	4.18285 (11010504)


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668812.72 4341935.76 4.83405 (11010504) 669034.03 4341935.76 5.60762 (11010504)
669255.34 4341935.76 20.28270 (11010504) 669476.65 4341935.76 40.71110 (11010504)
669697.96 4341935.76 36.88202 (13121424) 669919.27 4341935.76 29.66757 (12042022)
670140.58 4341935.76 33.16013 (11123022) 670361.89 4341935.76 40.00802 (11123022)
670583.20 4341935.76 94.48335 (11123022) 670804.51 4341935.76 48.74872 (11010504)
671468.44 4341935.76 177.81873 (10080120) 671689.75 4341935.76 95.32079 (10080120)
671911.06 4341935.76 83.56546 (10080120) 672132.37 4341935.76 25.97512 (10080120)
672353.68 4341935.76 14.13511 (11081719) 672574.99 4341935.76 49.61489 (10080120)
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***
INCLUDING SOURCE(S): STCK9 ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
668148.79 4342100.72 3.17781 (12013105) 668370.10 4342100.72 3.69756 (12011605)
668591.41 4342100.72 4.26878 (12011605) 668812.72 4342100.72 4.84386 (12011605)
669034.03 4342100.72 5.60368 (12011605) 669255.34 4342100.72 6.50858 (10013107)
669476.65 4342100.72 39.10317 (10013107) 669697.96 4342100.72 45.27084 (13021724)
669919.27 4342100.72 47.16457 (12010519) 670140.58 4342100.72 39.74474 (13031906)
670361.89 4342100.72 86.42187 (11121308) 670583.20 4342100.72 26.73449 (09010221)
671468.44 4342100.72 82.32355 (11030418) 671689.75 4342100.72 59.71792 (11103004)
671911.06 4342100.72 72.50887 (11012804) 672132.37 4342100.72 38.01583 (12090801)
672353.68 4342100.72 18.37802 (11082219) 672574.99 4342100.72 49.23505 (11110903)
668148.79 4342265.68 3.19439 (09121706) 668370.10 4342265.68 3.69424 (11022224)
668591.41 4342265.68 4.01263 (11022224) 668812.72 4342265.68 4.57214 (11010403)
669034.03 4342265.68 5.25575 (12121507) 669255.34 4342265.68 6.27244 (12121507)
669476.65 4342265.68 7.41129 (09121623) 669697.96 4342265.68 9.03123 (12121918)
669919.27 4342265.68 11.06325 (09010221) 670140.58 4342265.68 45.09629 (13120721)
670361.89 4342265.68 17.93564 (10012405) 670583.20 4342265.68 24.36223 (13120522)
670804.51 4342265.68 34.63914 (10021902) 671025.82 4342265.68 152.00213 (09020308)
671247.13 4342265.68 202.76553 (13081505) 671468.44 4342265.68 61.57041 (13121422)
671689.75 4342265.68 63.54872 (13071420) 671911.06 4342265.68 55.80584 (12013023)
672132.37 4342265.68 57.26824 (10011503) 672353.68 4342265.68 43.26067 (09051204)
672574.99 4342265.68 7.35507 (11011824) 668148.79 4342430.64 2.96176 (12121507)
668370.10 4342430.64 3.46745 (12121507) 668591.41 4342430.64 3.67939 (09121623)
668812.72 4342430.64 4.10920 (12121918) 669034.03 4342430.64 4.66921 (12121918)
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669697.96 4342430.64 8.07435 (10121602) 669919.27 4342430.64 10.01116 (10120703)
670140.58 4342430.64 12.20237 (10121606) 670361.89 4342430.64 15.74549 (12122805)
670583.20 4342430.64 79.38923 (09120807) 670804.51 4342430.64 106.86283 (11010402)
671025.82 4342430.64 156.71204 (13020201) 671247.13 4342430.64 52.69023 (12062103)
671468.44 4342430.64 47.59023 (13090121) 671689.75 4342430.64 37.21533 (11092521)
671911.06 4342430.64 39.74342 (13071420) 672132.37 4342430.64 52.11886 (11110824)
672353.68 4342430.64 42.87806 (13050904) 672574.99 4342430.64 6.90237 (10011503)

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668148.79	4342595.60	2.96528 (12121918)	668370.10	4342595.60	3.22817 (10020203)
668591.41	4342595.60	3.58842 (09010221)	668812.72	4342595.60	4.03858 (13022505)
669034.03	4342595.60	4.59300 (13120721)	669255.34	4342595.60	5.34380 (10121602)
669476.65	4342595.60	6.08379 (10120703)	669697.96	4342595.60	7.68404 (13020221)
669919.27	4342595.60	8.95378 (13120522)	670140.58	4342595.60	11.54360 (10021902)
670361.89	4342595.60	13.55084 (09120807)	670583.20	4342595.60	53.13551 (13121208)
670804.51	4342595.60	79.81208 (10011104)	671025.82	4342595.60	119.34840 (13020304)
671247.13	4342595.60	73.55953 (09020506)	671468.44	4342595.60	30.46753 (12021724)
671689.75	4342595.60	20.47686 (10100218)	671911.06	4342595.60	18.72391 (11030418)
672132.37	4342595.60	31.04868 (13071420)	672353.68	4342595.60	51.30030 (11022219)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672574.99	4342595.60	6.44611 (12013023)	668148.79	4342760.56	3.00961 (13022505)
668370.10	4342760.56	3.35732 (13120721)	668591.41	4342760.56	3.59172 (11121806)
668812.72	4342760.56	4.05877 (10012405)	669034.03	4342760.56	4.71680 (10120703)
669255.34	4342760.56	5.41284 (14010203)	669476.65	4342760.56	6.02945 (10121606)
669697.96	4342760.56	7.75147 (12122805)	669919.27	4342760.56	8.87939 (10021902)
670140.58	4342760.56	48.83121 (13020305)	670361.89	4342760.56	61.86316 (11021306)
670583.20	4342760.56	40.60652 (09020507)	670804.51	4342760.56	53.23230 (12080203)
671025.82	4342760.56	57.49862 (10080601)	671247.13	4342760.56	30.79929 (09010118)
671468.44	4342760.56	20.77617 (12011417)	671689.75	4342760.56	17.45829 (13093018)
671911.06	4342760.56	13.41507 (13082319)	672132.37	4342760.56	20.62860 (13041405)
672353.68	4342760.56	46.26399 (13071420)	672574.99	4342760.56	38.02414 (11022219)
668148.79	4342925.52	2.95574 (10121602)	668370.10	4342925.52	3.26165 (10012405)
668591.41	4342925.52	3.66262 (10120703)	668812.72	4342925.52	3.99851 (14010203)
669034.03	4342925.52	4.52159 (10121606)	669476.65	4342925.52	5.89697 (10021902)
669697.96	4342925.52	6.97157 (10021902)	669919.27	4342925.52	35.82123 (13020305)
670140.58	4342925.52	48.95696 (13120520)	670361.89	4342925.52	50.42759 (13022504)
670583.20	4342925.52	60.67723 (13021624)	670804.51	4342925.52	67.32965 (13112603)
671025.82	4342925.52	22.16357 (09020202)	671247.13	4342925.52	24.75656 (09010118)
671468.44	4342925.52	14.43505 (12011417)	671689.75	4342925.52	12.79803 (13093018)
671911.06	4342925.52	11.95435 (10100218)	672132.37	4342925.52	11.82229 (12063021)
672353.68	4342925.52	23.97591 (13120923)	672574.99	4342925.52	35.86249 (13071420)
668148.79	4343090.48	2.74266 (10120703)	668370.10	4343090.48	3.03150 (12123123)
668591.41	4343090.48	3.54380 (13020221)	669476.65	4343090.48	5.08782 (10021902)
669697.96	4343090.48	5.90722 (13020305)	669919.27	4343090.48	7.02401 (12021920)
670140.58	4343090.48	36.72466 (13120521)	670361.89	4343090.48	9.28182 (09011922)
670583.20	4343090.48	10.35552 (10121220)	670804.51	4343090.48	57.36298 (13020304)
671025.82	4343090.48	17.36231 (13070420)	671247.13	4343090.48	19.08613 (09080620)
671468.44	4343090.48	12.76610 (12101007)	671689.75	4343090.48	12.48976 (13090121)

671911.06	4343090.48	11.65799 (09112608)	672132.37	4343090.48	8.65659 (12063022)
672353.68	4343090.48	7.37938 (10021919)	672574.99	4343090.48	13.62716 (13082820)
668148.79	4343255.44	2.68993 (13020221)	668370.10	4343255.44	2.95501 (10121606)
668591.41	4343255.44	3.32280 (13120522)	669476.65	4343255.44	4.87962 (13020305)
669697.96	4343255.44	5.54330 (12021920)	669919.27	4343255.44	6.40548 (09120602)
670140.58	4343255.44	7.24995 (11122602)	670361.89	4343255.44	8.00322 (10011505)
670583.20	4343255.44	8.65868 (09120805)	670804.51	4343255.44	9.99208 (10021819)
671025.82	4343255.44	14.93677 (10101520)	671247.13	4343255.44	15.34376 (09080620)
671468.44	4343255.44	12.71966 (12101007)	671689.75	4343255.44	9.96397 (12021724)
671911.06	4343255.44	8.02612 (13011004)	672132.37	4343255.44	7.56602 (10100218)
672353.68	4343255.44	7.78632 (12063021)	672574.99	4343255.44	6.19990 (11030418)
668148.79	4343420.40	2.73639 (11010901)	668370.10	4343420.40	2.94563 (10012403)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						
668591.41	4343420.40	3.14034	(10021902)	668812.72	4343420.40	3.39608 (10021902)
669034.03	4343420.40	3.46916	(12012907)	669255.34	4343420.40	3.83070 (13020305)
669476.65	4343420.40	4.27397	(10020205)	669697.96	4343420.40	5.19212 (13020224)
669919.27	4343420.40	5.77151	(13022504)	670140.58	4343420.40	6.14580 (10120202)
670361.89	4343420.40	6.82197	(09010721)	670583.20	4343420.40	7.39298 (09122802)
670804.51	4343420.40	8.60632	(12122804)	671025.82	4343420.40	37.00766 (10120702)
671247.13	4343420.40	19.82548	(12011703)	671468.44	4343420.40	10.73589 (12101007)
671689.75	4343420.40	8.75495	(12021724)	671911.06	4343420.40	6.86794 (09021120)
672132.37	4343420.40	6.87411	(09112608)	672353.68	4343420.40	6.15769 (12063022)
672574.99	4343420.40	5.71216	(12063021)	668148.79	4343585.36	2.78968 (12122805)
668370.10	4343585.36	2.98796	(10021902)	668591.41	4343585.36	2.95994 (10021902)
668812.72	4343585.36	3.14616	(11122703)	669034.03	4343585.36	3.49117 (13020305)
669255.34	4343585.36	3.82285	(10020205)	669476.65	4343585.36	4.17526 (11021306)
669697.96	4343585.36	4.46317	(11010402)	669919.27	4343585.36	4.94771 (13021807)
670140.58	4343585.36	5.47168	(10011505)	670361.89	4343585.36	6.05113 (09120805)
670583.20	4343585.36	6.60299	(13020304)	670804.51	4343585.36	7.33793 (11010908)
671025.82	4343585.36	7.79062	(12010922)	671247.13	4343585.36	20.14271 (12011703)
671468.44	4343585.36	12.29250	(13071620)	671689.75	4343585.36	9.52924 (13122623)
671911.06	4343585.36	6.61640	(13050605)	672132.37	4343585.36	6.92348 (09112608)
672353.68	4343585.36	5.34077	(09040302)	672574.99	4343585.36	5.02980 (10030721)
668148.79	4343750.32	2.66037	(10021902)	668370.10	4343750.32	2.77110 (10021902)
668591.41	4343750.32	2.87330	(11122703)	668812.72	4343750.32	3.06951 (13020305)
669034.03	4343750.32	3.48094	(10020205)	669255.34	4343750.32	3.76808 (13120520)
669476.65	4343750.32	3.98940	(13120521)	669697.96	4343750.32	4.24830 (11122602)
669919.27	4343750.32	4.59537	(13021803)	670140.58	4343750.32	5.03002 (09010721)
670361.89	4343750.32	5.59095	(10021822)	670583.20	4343750.32	5.89705 (13020304)

670804.51	4343750.32	6.28409	(09020202)	671025.82	4343750.32	6.57668	(12010922)
671247.13	4343750.32	30.51401	(12011703)	671468.44	4343750.32	29.24038	(10041523)
671689.75	4343750.32	32.17656	(13122623)	671911.06	4343750.32	18.20753	(13111705)
672132.37	4343750.32	9.20780	(12022623)	672353.68	4343750.32	4.89948	(09040302)
672574.99	4343750.32	5.37951	(13082319)	668148.79	4343915.28	2.34225	(10021902)
668370.10	4343915.28	2.57526	(11122703)	668591.41	4343915.28	2.81324	(13020305)
668812.72	4343915.28	3.03018	(10020205)	669034.03	4343915.28	3.33466	(13120520)
669255.34	4343915.28	3.61728	(09120602)	669476.65	4343915.28	3.84313	(13022504)
669697.96	4343915.28	4.01833	(09011922)	669919.27	4343915.28	4.28488	(10011505)
670140.58	4343915.28	4.70087	(11121801)	670361.89	4343915.28	4.99295	(09122802)
670583.20	4343915.28	5.41933	(12122804)	670804.51	4343915.28	5.66515	(09020202)
671025.82	4343915.28	5.90727	(11012908)	671247.13	4343915.28	6.03908	(12011703)
671468.44	4343915.28	27.46357	(10041523)	671689.75	4343915.28	26.50945	(11012902)
671911.06	4343915.28	14.71918	(09080521)	672132.37	4343915.28	14.45923	(13082220)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

672353.68	4343915.28	10.42682	(09111121)	672574.99	4343915.28	7.13336	(11092319)
668148.79	4344080.24	2.27302	(09120807)	668370.10	4344080.24	2.45451	(13020305)
668591.41	4344080.24	2.69107	(10012404)	668812.72	4344080.24	2.93205	(13120520)
669034.03	4344080.24	3.17153	(09120602)	669255.34	4344080.24	3.41855	(11010402)
669476.65	4344080.24	3.59091	(13021807)	669697.96	4344080.24	3.78908	(13021803)
669919.27	4344080.24	4.06382	(11121724)	670140.58	4344080.24	4.49872	(09120805)
670361.89	4344080.24	4.54825	(13020304)	670583.20	4344080.24	4.91895	(12122804)
670804.51	4344080.24	5.23113	(09022106)	671025.82	4344080.24	29.11101	(09042824)
671247.13	4344080.24	5.46790	(12011703)	671468.44	4344080.24	4.56717	(12011703)
671689.75	4344080.24	16.83711	(10052101)	671911.06	4344080.24	8.55290	(12021724)
672132.37	4344080.24	5.11428	(11030623)	672353.68	4344080.24	5.41367	(09112608)
672574.99	4344080.24	4.62364	(10100218)	671464.71	4342094.27	80.86783	(11030418)
671482.23	4342063.91	86.73637	(13081419)	671498.58	4342030.05	86.64802	(10020707)
671513.75	4341991.52	101.89681	(11082019)	671541.78	4341964.66	97.88068	(11082219)
671575.64	4341974.00	83.06140	(11082219)	671460.75	4342162.97	71.31593	(13082319)
671451.00	4342187.35	67.79732	(10100218)	671510.73	4342219.66	58.83460	(12063021)
671524.14	4342192.84	61.61460	(12063021)	671522.92	4342250.74	62.19709	(11092521)
671599.11	4342252.57	57.45279	(10101519)	671627.76	4342256.84	57.23696	(13041405)
671583.88	4342116.03	52.34001	(13081419)	671595.46	4342071.54	54.71430	(11081819)
671663.12	4342056.30	56.46872	(10040819)	671600.94	4342030.09	63.12689	(10040819)
671526.58	4342155.65	59.22613	(11030418)	671628.98	4342292.19	65.84593	(12062820)
671641.78	4341980.71	68.21593	(11082219)	671666.77	4342018.51	64.43557	(13061621)
671407.11	4342219.66	68.10119	(13090121)	671415.64	4342183.08	76.11532	(09112608)
671635.08	4341706.42	190.30228	(10081303)	671693.59	4341710.08	175.65251	(13092802)

671719.80	4341736.29	173.99353	(11032902)	671673.48	4341630.23	123.18492	(09042621)
671888.04	4341936.22	93.17622	(10080120)	671977.64	4341952.07	60.25512	(13020407)
672039.21	4341894.77	43.62842	(12040224)	671858.17	4341753.96	126.26609	(11121817)
671922.78	4341634.49	105.08926	(12041421)	671613.74	4341791.15	148.92428	(11032902)
671853.29	4341730.80	128.70823	(11121817)	671783.81	4341585.73	84.85919	(09042621)
671783.20	4341546.72	85.97810	(09042621)	671769.18	4341461.38	82.90178	(13120120)
671800.87	4341420.54	93.93091	(13120120)	671880.11	4341427.25	90.15249	(11051920)
672012.39	4341504.66	33.89486	(12051524)	672084.31	4341547.94	38.49886	(12041421)
671915.47	4341478.45	77.63340	(13052920)	671903.28	4341564.40	97.86674	(12090723)
671863.05	4341522.34	101.62503	(13052920)	671830.13	4341336.43	92.49470	(12123124)
671835.62	4341287.66	87.62621	(11010418)	671825.87	4341275.47	85.76781	(12121104)
672136.73	4341370.56	18.00408	(10081303)	671920.34	4341307.17	60.17275	(13120120)
671695.42	4341257.19	83.01908	(09011623)	671682.01	4341176.12	54.79123	(09060721)
671991.66	4341196.23	52.59673	(10031019)	672022.14	4341231.59	45.15582	(13120120)
671992.27	4341177.95	42.33154	(12050420)	671540.60	4341238.29	35.89622	(10031702)
671575.34	4341177.95	29.29169	(13080221)	671454.65	4341196.23	32.16285	(12100124)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

671523.53	4341116.38	25.05681	(12051020)	671413.20	4341126.74	28.10817	(09090305)
671471.11	4341064.57	24.08649	(11090720)	671601.55	4341050.55	35.72825	(11012701)
671198.64	4341253.53	31.62764	(10102519)	671278.49	4341212.08	32.70763	(09082723)
671230.34	4341132.84	25.66547	(11092719)	671073.08	4341271.82	24.88012	(12081403)
671122.45	4341373.61	38.27834	(12081403)	671118.79	4341397.38	38.10391	(12081403)
670978.40	4341324.15	28.25331	(09082905)	670932.85	4341394.21	37.24861	(09041020)
670935.19	4341367.36	33.80594	(10081604)	671108.01	4340976.17	25.64422	(09082024)
671286.67	4340978.51	22.34929	(13091301)	671675.37	4342488.78	30.24308	(11092319)
671091.40	4342277.23	171.14856	(11121801)	671051.75	4342332.07	120.33538	(13122624)
671051.75	4342369.20	132.93663	(09010719)	670953.04	4342360.76	123.88634	(09020308)
670695.71	4342235.89	31.94132	(10012403)	670545.53	4342318.58	22.51861	(10012403)
670711.74	4342488.16	89.98409	(12012908)	670648.30	4342501.73	75.19659	(11121108)
670648.30	4342630.87	35.99460	(13082806)	670806.29	4342728.41	53.94916	(13122624)
670688.15	4342739.41	31.95157	(10082601)	670804.92	4342427.55	103.55329	(13120521)
670439.48	4342471.51	16.85845	(10021902)	670358.43	4342578.67	13.64299	(09120807)
670546.64	4342662.47	60.32735	(12012908)	670537.03	4342595.15	64.15351	(11021204)
670483.45	4342776.50	52.80804	(13121803)	670508.17	4342754.52	52.21214	(13121803)
670517.79	4342868.54	50.67653	(09020222)	670545.27	4342850.69	44.56488	(09120808)
670582.36	4342878.16	49.05295	(10011103)	670304.85	4342688.57	46.98248	(10012404)
670039.70	4342661.10	10.15456	(10021902)	670156.48	4342673.46	10.76685	(10021902)
670236.16	4342648.73	11.57483	(09120807)	670071.30	4342738.03	9.56306	(10021902)
669990.24	4342753.14	9.20543	(10021902)	669928.42	4342742.15	9.02476	(10021902)

669815.77	4342673.46	8.53500 (10012403)	669742.96	4342655.60	8.16142 (11010901)
669791.04	4342744.90	8.30531 (12122805)	669696.25	4342731.16	7.80603 (10012403)
669536.88	4342552.57	6.38722 (10012405)	671174.86	4342280.21	220.53052 (12122804)
671068.38	4342169.93	270.48063 (13022504)	670965.71	4342179.44	59.28353 (10012404)
670815.50	4342198.45	40.95947 (10021902)	670737.55	4342097.68	35.79334 (13120721)
670762.27	4342069.16	38.55133 (13022505)	670817.40	4342040.64	45.57811 (10020203)
670895.36	4342025.43	59.09177 (09010221)	670979.02	4341915.15	85.97190 (09123019)
671115.92	4341863.81	183.41131 (13120803)	671199.58	4341770.65	148.01898 (09010405)
671222.39	4341377.07	58.66118 (11012707)	671714.84	4341392.28	100.89056 (12121104)
671366.89	4341998.81	540.44394 (13082820)	671226.19	4342236.48	256.41255 (09022106)
669098.44	4343411.59	3.55903 (11122703)	668908.63	4343364.56	3.54376 (10021902)
668851.52	4343359.52	3.51312 (10021902)	668831.37	4343371.27	3.47076 (10021902)
668733.94	4343302.41	3.46579 (12122805)	668686.91	4343199.95	3.53184 (13120522)
668671.79	4343089.09	3.62282 (10121606)	668806.17	4343001.74	3.88268 (10121606)
668918.71	4343025.26	4.13174 (11010901)	669024.53	4342942.95	4.45168 (10121606)
669288.24	4342916.08	5.25741 (13120522)	669333.59	4342922.80	5.37650 (10012403)
669365.51	4342978.23	5.34544 (12122805)	669336.95	4343151.23	4.65045 (10021902)
669303.36	4343304.09	4.21411 (09120807)	669222.73	4343235.22	4.19760 (10021902)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP11 ***

INCLUDING SOURCE(S): STCK9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
669135.39	4343305.77	3.80456 (10021902)			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668148.79	4340781.04	8.49169 (11122718)	668370.10	4340781.04	9.55688 (12010418)
668591.41	4340781.04	10.53116 (09122317)	668812.72	4340781.04	11.30571 (10020808)
669034.03	4340781.04	12.88801 (11020218)	669255.34	4340781.04	14.51932 (10010719)
669476.65	4340781.04	15.96345 (12011319)	669697.96	4340781.04	16.69338 (12011319)
669919.27	4340781.04	62.94963 (10122708)	670140.58	4340781.04	67.41900 (10122717)
670361.89	4340781.04	62.37239 (12120808)	670583.20	4340781.04	45.14155 (13120419)
670804.51	4340781.04	46.42437 (11012619)	671025.82	4340781.04	39.28979 (13121008)
671247.13	4340781.04	34.51220 (10101419)	671468.44	4340781.04	41.07432 (09102318)
671689.75	4340781.04	58.19302 (11033119)	671911.06	4340781.04	54.19165 (11123117)
672132.37	4340781.04	43.06715 (13092719)	672353.68	4340781.04	71.48287 (10031019)
672574.99	4340781.04	78.04320 (12091119)	668148.79	4340946.00	8.33296 (10021319)
668370.10	4340946.00	9.51660 (13010219)	668591.41	4340946.00	10.56698 (11122718)
668812.72	4340946.00	11.62303 (12010418)	669034.03	4340946.00	13.37862 (09122317)
669255.34	4340946.00	15.03629 (11020218)	669476.65	4340946.00	16.57954 (11020218)
669697.96	4340946.00	26.02875 (12011319)	669919.27	4340946.00	68.16223 (13013119)
670140.58	4340946.00	76.89696 (10122708)	670361.89	4340946.00	74.42094 (11011819)
670583.20	4340946.00	69.49415 (10010217)	670804.51	4340946.00	46.72502 (13012808)
671025.82	4340946.00	37.58551 (11102818)	671247.13	4340946.00	32.38574 (10101419)
671468.44	4340946.00	34.57429 (13111518)	671689.75	4340946.00	71.12407 (11033119)
671911.06	4340946.00	101.96293 (10090919)	672132.37	4340946.00	41.42089 (09033019)
672353.68	4340946.00	55.84745 (12091119)	672574.99	4340946.00	78.62413 (11100718)
668148.79	4341110.96	8.49898 (13020419)	668370.10	4341110.96	9.36931 (13020419)
668591.41	4341110.96	10.81239 (10021319)	668812.72	4341110.96	12.06614 (13010219)
669034.03	4341110.96	13.69946 (11122718)	669255.34	4341110.96	15.16683 (12010418)
669476.65	4341110.96	17.41008 (09122317)	669697.96	4341110.96	36.35448 (11020218)
669919.27	4341110.96	27.53494 (10010719)	670140.58	4341110.96	76.63623 (13013119)
670361.89	4341110.96	70.08224 (10122708)	670583.20	4341110.96	50.83362 (13122318)
670804.51	4341110.96	34.38072 (13120419)	671025.82	4341110.96	30.71065 (12050719)
671247.13	4341110.96	37.25384 (10101419)	671468.44	4341110.96	37.44598 (11032919)
671689.75	4341110.96	115.29861 (09032319)	671911.06	4341110.96	124.73730 (13092719)
672132.37	4341110.96	39.15086 (12091119)	672353.68	4341110.96	33.86735 (11100718)
672574.99	4341110.96	91.69929 (10091119)	668148.79	4341275.92	8.81937 (09121708)
668370.10	4341275.92	9.76122 (09012008)	668591.41	4341275.92	11.05785 (09012008)
668812.72	4341275.92	12.65263 (13020419)	669034.03	4341275.92	16.54851 (13020419)
669255.34	4341275.92	16.42608 (10021319)	669476.65	4341275.92	18.22853 (11122718)
669697.96	4341275.92	20.90633 (12010418)	669919.27	4341275.92	79.39665 (10112418)
670140.58	4341275.92	62.71409 (09091119)	670361.89	4341275.92	54.03093 (12010419)
670583.20	4341275.92	36.85349 (09120208)	670804.51	4341275.92	36.09503 (09011017)
671025.82	4341275.92	28.81122 (11012619)	671247.13	4341275.92	46.13648 (11092719)
671468.44	4341275.92	106.11974 (12110318)	671689.75	4341275.92	199.38856 (11123117)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	175.44622	(10031019)	672132.37	4341275.92	39.54201 (11100718)
672353.68	4341275.92	28.04803	(09120718)	672574.99	4341275.92	85.30058 (09100818)
668148.79	4341440.88	8.93227	(11120619)	668370.10	4341440.88	10.01907 (11120619)
668591.41	4341440.88	11.23970	(11120619)	668812.72	4341440.88	13.12852 (09121708)
669034.03	4341440.88	15.63167	(09121708)	669255.34	4341440.88	16.68636 (09012008)
669476.65	4341440.88	18.90665	(13020419)	669697.96	4341440.88	24.04027 (13020419)
669919.27	4341440.88	77.27441	(13010219)	670140.58	4341440.88	55.94225 (12010418)
670361.89	4341440.88	48.66247	(10020808)	670583.20	4341440.88	35.08402 (09112108)
670804.51	4341440.88	45.86541	(09021008)	671025.82	4341440.88	36.07671 (13100918)
671689.75	4341440.88	136.50345	(11010418)	671911.06	4341440.88	161.11638 (11100718)
672132.37	4341440.88	44.04463	(10111117)	672353.68	4341440.88	44.27406 (13022818)
672574.99	4341440.88	43.35298	(10091419)	668148.79	4341605.84	9.27608 (09020319)
668370.10	4341605.84	10.31105	(09020319)	668591.41	4341605.84	11.57987 (11120619)
668812.72	4341605.84	13.20486	(11120619)	669034.03	4341605.84	15.04191 (11120619)
669255.34	4341605.84	17.14225	(11120619)	669476.65	4341605.84	19.54097 (11120619)
669697.96	4341605.84	39.73944	(09121708)	669919.27	4341605.84	72.15341 (09121708)
670140.58	4341605.84	62.50378	(09012008)	670361.89	4341605.84	44.62533 (12020808)
670583.20	4341605.84	40.23313	(11122718)	670804.51	4341605.84	69.70933 (10020808)
671025.82	4341605.84	60.06011	(09021008)	671689.75	4341605.84	110.32828 (11090519)
671911.06	4341605.84	174.40873	(09100818)	672132.37	4341605.84	71.32480 (10010517)
672353.68	4341605.84	55.97644	(10091419)	672574.99	4341605.84	28.87870 (13122317)
668148.79	4341770.80	9.20504	(09123019)	668370.10	4341770.80	10.65146 (09123019)
668591.41	4341770.80	11.60136	(09123019)	668812.72	4341770.80	13.17226 (09123019)
669034.03	4341770.80	15.18841	(09020319)	669255.34	4341770.80	18.38255 (09020319)
669476.65	4341770.80	43.61446	(09020319)	669697.96	4341770.80	79.31462 (09020319)
669919.27	4341770.80	66.53716	(09020208)	670140.58	4341770.80	56.08970 (09020208)
670361.89	4341770.80	40.71935	(13021408)	670583.20	4341770.80	57.66358 (11120619)
670804.51	4341770.80	143.14838	(11120619)	671025.82	4341770.80	220.75540 (13020419)
671689.75	4341770.80	167.33658	(09100818)	671911.06	4341770.80	146.47955 (11040519)
672132.37	4341770.80	40.77009	(11092618)	672353.68	4341770.80	28.17927 (11092618)
672574.99	4341770.80	29.72187	(12013019)	668148.79	4341935.76	8.71883 (10010608)
668370.10	4341935.76	9.98054	(10010608)	668591.41	4341935.76	11.53156 (10010608)
668812.72	4341935.76	13.31161	(10010608)	669034.03	4341935.76	15.46067 (10010608)
669255.34	4341935.76	40.91800	(10010608)	669476.65	4341935.76	74.14137 (10010608)
669697.96	4341935.76	58.87535	(10010608)	669919.27	4341935.76	41.92951 (10010608)
670140.58	4341935.76	41.82629	(13012118)	670361.89	4341935.76	46.53545 (13020108)
670583.20	4341935.76	108.03499	(13020108)	670804.51	4341935.76	93.95568 (11122419)
671468.44	4341935.76	106.35304	(13092318)	671689.75	4341935.76	83.51774 (12090419)
671911.06	4341935.76	90.56852	(13042019)	672132.37	4341935.76	33.58891 (11051019)
672353.68	4341935.76	23.12043	(11081719)	672574.99	4341935.76	82.81898 (13122719)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,

L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4342100.72	8.89746	(12011408)	668370.10	4342100.72	10.32350 (12011408)
668591.41	4342100.72	11.89442	(11122419)	668812.72	4342100.72	13.44884 (11122419)
669034.03	4342100.72	15.59763	(11122419)	669255.34	4342100.72	24.68869 (12010519)
669476.65	4342100.72	76.07549	(13020108)	669697.96	4342100.72	76.56722 (12010519)
669919.27	4342100.72	74.10368	(11121308)	670140.58	4342100.72	58.61183 (11122619)
670361.89	4342100.72	133.63983	(12121918)	670583.20	4342100.72	61.46224 (12121918)
671468.44	4342100.72	53.91874	(10021018)	671689.75	4342100.72	50.50809 (13092318)
671911.06	4342100.72	71.41036	(13101918)	672132.37	4342100.72	42.18824 (11082019)
672353.68	4342100.72	26.02950	(10081319)	672574.99	4342100.72	74.96835 (13042019)
668148.79	4342265.68	8.98403	(12010519)	668370.10	4342265.68	10.36406 (12010519)
668591.41	4342265.68	11.15870	(12010519)	668812.72	4342265.68	12.59711 (12010519)
669034.03	4342265.68	14.45355	(11121308)	669255.34	4342265.68	17.11774 (11121308)
669476.65	4342265.68	19.83295	(12121918)	669697.96	4342265.68	34.91060 (12121918)
669919.27	4342265.68	36.76343	(12020919)	670140.58	4342265.68	81.84614 (12020919)
670361.89	4342265.68	44.68542	(10120618)	670583.20	4342265.68	60.37984 (14010208)
670804.51	4342265.68	92.34280	(13123008)	671025.82	4342265.68	303.46464 (09120808)
671247.13	4342265.68	232.61998	(11012908)	671468.44	4342265.68	56.30070 (11022319)
671689.75	4342265.68	54.61272	(10101519)	671911.06	4342265.68	55.96205 (12100619)
672132.37	4342265.68	57.54932	(13041019)	672353.68	4342265.68	54.64268 (12011618)
672574.99	4342265.68	26.46058	(12011618)	668148.79	4342430.64	8.34654 (11121308)
668370.10	4342430.64	9.76159	(11121308)	668591.41	4342430.64	10.33100 (12121918)
668812.72	4342430.64	11.53979	(12121918)	669034.03	4342430.64	12.96716 (12121918)
669255.34	4342430.64	14.68593	(12121918)	669476.65	4342430.64	18.21664 (12020919)
669697.96	4342430.64	21.16561	(12020919)	669919.27	4342430.64	25.93381 (10120618)
670140.58	4342430.64	30.89479	(14010208)	670361.89	4342430.64	40.29480 (12121508)
670583.20	4342430.64	157.71646	(12010518)	670804.51	4342430.64	208.44948 (13020619)
671025.82	4342430.64	274.64618	(09010719)	671247.13	4342430.64	64.89066 (13012117)
671468.44	4342430.64	46.14986	(10040319)	671689.75	4342430.64	40.02205 (13082319)
671911.06	4342430.64	40.55439	(13031619)	672132.37	4342430.64	63.36324 (12100619)
672353.68	4342430.64	57.88226	(11022219)	672574.99	4342430.64	16.27269 (12011618)
668148.79	4342595.60	8.40113	(12121918)	668370.10	4342595.60	9.06651 (12121918)
668591.41	4342595.60	9.85066	(12121918)	668812.72	4342595.60	11.19658 (12020919)
669034.03	4342595.60	12.81106	(12020919)	669255.34	4342595.60	14.63552 (12020919)
669476.65	4342595.60	16.59150	(10120618)	669697.96	4342595.60	20.17047 (10120618)
669919.27	4342595.60	23.44473	(14010208)	670140.58	4342595.60	30.01782 (13123008)
670361.89	4342595.60	36.35194	(12010518)	670583.20	4342595.60	126.05256 (13121208)
670804.51	4342595.60	175.85903	(09122608)	671025.82	4342595.60	209.65811 (10021819)
671247.13	4342595.60	107.10597	(09010118)	671468.44	4342595.60	34.77043 (12102318)
671689.75	4342595.60	27.61735	(09112608)	671911.06	4342595.60	25.25196 (10021919)
672132.37	4342595.60	34.94853	(11083019)	672353.68	4342595.60	83.32671 (12100619)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
 L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
 L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
 L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

672574.99	4342595.60	19.57318 (11022219)	668148.79	4342760.56	8.35568 (12020919)
668370.10	4342760.56	9.42629 (12020919)	668591.41	4342760.56	10.12374 (12020919)
668812.72	4342760.56	11.19080 (12020919)	669034.03	4342760.56	13.22978 (10120618)
669255.34	4342760.56	14.95833 (10120618)	669476.65	4342760.56	16.52692 (14010208)
669697.96	4342760.56	21.05215 (12121508)	669919.27	4342760.56	23.64007 (13123008)
670140.58	4342760.56	111.93236 (12010518)	670361.89	4342760.56	136.12855 (13121208)
670583.20	4342760.56	95.63362 (13020619)	670804.51	4342760.56	115.87381 (10121308)
671025.82	4342760.56	107.19941 (10021819)	671247.13	4342760.56	44.71402 (13012117)
671468.44	4342760.56	30.61339 (12011417)	671689.75	4342760.56	25.72327 (11022319)
671911.06	4342760.56	20.04076 (10021018)	672132.37	4342760.56	25.79615 (11030418)
672353.68	4342760.56	68.57742 (11083019)	672574.99	4342760.56	68.98416 (12100619)
668148.79	4342925.52	8.34718 (12020919)	668370.10	4342925.52	9.06371 (10120618)
668591.41	4342925.52	10.36438 (10120618)	668812.72	4342925.52	11.22076 (10120618)
669034.03	4342925.52	12.48646 (14010208)	669476.65	4342925.52	16.40479 (13123008)
669697.96	4342925.52	19.25453 (13123008)	669919.27	4342925.52	82.11546 (12010518)
670140.58	4342925.52	101.35473 (13121208)	670361.89	4342925.52	116.37147 (12121219)
670583.20	4342925.52	135.73537 (10110418)	670804.51	4342925.52	136.64584 (09121008)
671025.82	4342925.52	36.36910 (11040919)	671247.13	4342925.52	38.50233 (13012117)
671468.44	4342925.52	23.15291 (12011417)	671689.75	4342925.52	20.80207 (10040319)
671911.06	4342925.52	17.34545 (11081319)	672132.37	4342925.52	14.94988 (10021919)
672353.68	4342925.52	32.39834 (10100219)	672574.99	4342925.52	57.15007 (11083019)
668148.79	4343090.48	7.82685 (10120618)	668370.10	4343090.48	8.59391 (10120618)
668591.41	4343090.48	9.73294 (14010208)	669476.65	4343090.48	14.31863 (13123008)
669697.96	4343090.48	16.45594 (12010518)	669919.27	4343090.48	18.97946 (12011719)
670140.58	4343090.48	82.05724 (11100319)	670361.89	4343090.48	24.90855 (09120808)
670583.20	4343090.48	26.86819 (09010719)	670804.51	4343090.48	116.05809 (10021819)
671025.82	4343090.48	29.35426 (13032719)	671247.13	4343090.48	31.84218 (13012117)
671468.44	4343090.48	19.82492 (12100218)	671689.75	4343090.48	17.89127 (10040319)
671911.06	4343090.48	16.82794 (09112608)	672132.37	4343090.48	14.95980 (10021018)
672353.68	4343090.48	13.12509 (10021919)	672574.99	4343090.48	17.78618 (11081119)
668148.79	4343255.44	7.47349 (10120618)	668370.10	4343255.44	8.33216 (14010208)
668591.41	4343255.44	9.41009 (14010208)	669476.65	4343255.44	13.81075 (12010518)
669697.96	4343255.44	15.37083 (12011719)	669919.27	4343255.44	17.65485 (13121208)
670140.58	4343255.44	19.71234 (13020619)	670361.89	4343255.44	21.29143 (09122608)
670583.20	4343255.44	22.87447 (09010719)	670804.51	4343255.44	26.15372 (10021819)
671025.82	4343255.44	27.33150 (13032719)	671247.13	4343255.44	26.09533 (13012117)
671468.44	4343255.44	20.19452 (12100218)	671689.75	4343255.44	16.37801 (10020119)
671911.06	4343255.44	14.06245 (11022319)	672132.37	4343255.44	12.51965 (10021018)
672353.68	4343255.44	11.69309 (10050719)	672574.99	4343255.44	10.86234 (10021919)
668148.79	4343420.40	7.80243 (14010208)	668370.10	4343420.40	8.37745 (12121508)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)

668591.41	4343420.40	8.95405 (13123008)	668812.72	4343420.40	9.65295 (13123008)
669034.03	4343420.40	9.89120 (11122608)	669255.34	4343420.40	10.90655 (12010518)
669476.65	4343420.40	12.02063 (12011719)	669697.96	4343420.40	14.70069 (13121208)
669919.27	4343420.40	16.10828 (13020619)	670140.58	4343420.40	17.00469 (13021619)
670361.89	4343420.40	17.98096 (09010719)	670583.20	4343420.40	19.14190 (09010719)
670804.51	4343420.40	22.59306 (10021819)	671025.82	4343420.40	60.83240 (12091419)
671247.13	4343420.40	35.13463 (09010118)	671468.44	4343420.40	16.90421 (12100218)
671689.75	4343420.40	15.01583 (12102318)	671911.06	4343420.40	11.72052 (11030318)
672132.37	4343420.40	11.90997 (09112608)	672353.68	4343420.40	10.97467 (10021018)
672574.99	4343420.40	9.48960 (10021919)	668148.79	4343585.36	7.98432 (12121508)
668370.10	4343585.36	8.51957 (13123008)	668591.41	4343585.36	8.45515 (13123008)
668812.72	4343585.36	8.95348 (11122608)	669034.03	4343585.36	9.96112 (12010518)
669255.34	4343585.36	10.78991 (13123019)	669476.65	4343585.36	11.85464 (13121208)
669697.96	4343585.36	12.44624 (13020619)	669919.27	4343585.36	13.96156 (09120808)
670140.58	4343585.36	15.01180 (09122608)	670361.89	4343585.36	16.62129 (09010719)
670583.20	4343585.36	17.32892 (10021819)	670804.51	4343585.36	18.80868 (10021819)
671025.82	4343585.36	19.76797 (11012908)	671247.13	4343585.36	36.88168 (09010118)
671468.44	4343585.36	19.68753 (13121217)	671689.75	4343585.36	17.31012 (12011417)
671911.06	4343585.36	12.85775 (11030318)	672132.37	4343585.36	11.64862 (11022319)
672353.68	4343585.36	9.71714 (10021018)	672574.99	4343585.36	8.99071 (10050719)
668148.79	4343750.32	7.60528 (13123008)	668370.10	4343750.32	7.97716 (13123008)
668591.41	4343750.32	8.17894 (11122608)	668812.72	4343750.32	8.78507 (12010518)
669034.03	4343750.32	9.92939 (13123019)	669255.34	4343750.32	10.71231 (13121208)
669476.65	4343750.32	11.03774 (13121208)	669697.96	4343750.32	12.02658 (13020619)
669919.27	4343750.32	13.04265 (09122608)	670140.58	4343750.32	13.52621 (09010719)
670361.89	4343750.32	15.37697 (09010719)	670583.20	4343750.32	16.18060 (10021819)
670804.51	4343750.32	15.65437 (10021819)	671025.82	4343750.32	17.37428 (11012908)
671247.13	4343750.32	61.35463 (09010118)	671468.44	4343750.32	61.40985 (13121217)
671689.75	4343750.32	62.72787 (13110818)	671911.06	4343750.32	27.77343 (09120817)
672132.37	4343750.32	15.06605 (13093018)	672353.68	4343750.32	10.61396 (09112608)
672574.99	4343750.32	10.22158 (10021018)	668148.79	4343915.28	6.76271 (13123008)
668370.10	4343915.28	7.33245 (11122608)	668591.41	4343915.28	8.11373 (12010518)
668812.72	4343915.28	8.67553 (13123019)	669034.03	4343915.28	9.45249 (13121208)
669255.34	4343915.28	10.27536 (13121208)	669476.65	4343915.28	10.98992 (13020619)
669697.96	4343915.28	11.45887 (09120808)	669919.27	4343915.28	11.87619 (09122608)
670140.58	4343915.28	13.21634 (09010719)	670361.89	4343915.28	13.29657 (09010719)

670583.20	4343915.28	15.12874	(10021819)	670804.51	4343915.28	13.66145	(10021819)
671025.82	4343915.28	16.28348	(11012908)	671247.13	4343915.28	16.23175	(09010118)
671468.44	4343915.28	57.39709	(13121217)	671689.75	4343915.28	50.51290	(13100819)
671911.06	4343915.28	25.46042	(09120817)	672132.37	4343915.28	20.74350	(13093018)

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

672353.68	4343915.28	17.55608	(09112608)	672574.99	4343915.28	12.73819	(10100218)
668148.79	4344080.24	6.45191	(12010518)	668370.10	4344080.24	7.06602	(12010518)
668591.41	4344080.24	7.73340	(13123019)	668812.72	4344080.24	8.24913	(13121208)
669034.03	4344080.24	9.12975	(13121208)	669255.34	4344080.24	9.80187	(13020619)
669476.65	4344080.24	10.21766	(09120808)	669697.96	4344080.24	10.82511	(09122608)
669919.27	4344080.24	10.87099	(09010719)	670140.58	4344080.24	12.78289	(09010719)
670361.89	4344080.24	12.28394	(10021819)	670583.20	4344080.24	13.68559	(10021819)
670804.51	4344080.24	11.98142	(10021819)	671025.82	4344080.24	65.41199	(11012908)
671247.13	4344080.24	14.99525	(09010118)	671468.44	4344080.24	12.19389	(09010118)
671689.75	4344080.24	31.68106	(13100819)	671911.06	4344080.24	13.30261	(10020119)
672132.37	4344080.24	10.52308	(10040319)	672353.68	4344080.24	11.14907	(11022319)
672574.99	4344080.24	9.49416	(09112608)	671464.71	4342094.27	55.33932	(10021018)
671482.23	4342063.91	58.61854	(10021919)	671498.58	4342030.05	60.92011	(10122217)
671513.75	4341991.52	67.60131	(13081419)	671541.78	4341964.66	71.83680	(10122218)
671575.64	4341974.00	62.31650	(10122218)	671460.75	4342162.97	50.68613	(11081319)
671451.00	4342187.35	51.62376	(11022319)	671510.73	4342219.66	49.33518	(10021018)
671524.14	4342192.84	47.09136	(10021018)	671522.92	4342250.74	50.69274	(09112608)
671599.11	4342252.57	47.97822	(10021919)	671627.76	4342256.84	49.02492	(10021919)
671583.88	4342116.03	41.95956	(11081119)	671595.46	4342071.54	43.28191	(12080819)
671663.12	4342056.30	49.29589	(09031318)	671600.94	4342030.09	48.35474	(11080819)
671526.58	4342155.65	44.54142	(10021919)	671628.98	4342292.19	51.89109	(13100718)
671641.78	4341980.71	59.84596	(10112508)	671666.77	4342018.51	54.56400	(13012818)
671407.11	4342219.66	58.96208	(11030318)	671415.64	4342183.08	57.51243	(11030318)
671635.08	4341706.42	284.93225	(10091119)	671693.59	4341710.08	249.49832	(09100818)
671719.80	4341736.29	221.81581	(09100818)	671673.48	4341630.23	207.96099	(10091119)
671888.04	4341936.22	99.15951	(13042019)	671977.64	4341952.07	67.81354	(13042019)
672039.21	4341894.77	47.79818	(11081719)	671858.17	4341753.96	183.53005	(10091419)
671922.78	4341634.49	160.69401	(09100818)	671613.74	4341791.15	165.82400	(09100818)
671853.29	4341730.80	188.34216	(10091419)	671783.81	4341585.73	144.71397	(10091119)
671783.20	4341546.72	142.52492	(10091119)	671769.18	4341461.38	143.66906	(10031019)
671800.87	4341420.54	187.99545	(10031019)	671880.11	4341427.25	175.52639	(11100718)

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672012.39 4341504.66 64.74423 (10111117) 672084.31 4341547.94 66.47407 (13022818)
671915.47 4341478.45 167.58213 (10091119) 671903.28 4341564.40 177.57448 (11090519)
671863.05 4341522.34 217.50903 (10091119) 671830.13 4341336.43 221.70926 (11010418)
671835.62 4341287.66 216.65429 (11010418) 671825.87 4341275.47 209.45401 (11010418)
672136.73 4341370.56 37.99976 (10091119) 671920.34 4341307.17 154.11467 (10031019)
671695.42 4341257.19 185.99298 (11123117) 671682.01 4341176.12 111.88658 (10021518)
671991.66 4341196.23 139.98511 (10031019) 672022.14 4341231.59 108.14438 (12091119)
671992.27 4341177.95 111.45444 (10031019) 671540.60 4341238.29 56.30250 (13011817)
671575.34 4341177.95 49.20681 (13011817) 671454.65 4341196.23 46.70587 (09012719)
*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***
02/24/20
*** AERMET - VERSION 14134 *** ***
*** MODELOPTs: RegDFAULT CONC ELEV RURAL
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP12 ***
INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC
(YYMMDDHH)
-----
671523.53 4341116.38 41.58821 (12110317) 671413.20 4341126.74 42.45354 (09011917)
671471.11 4341064.57 36.07717 (13111518) 671601.55 4341050.55 63.07254 (11033119)
671198.64 4341253.53 39.74723 (10102519) 671278.49 4341212.08 42.52390 (11122708)
671230.34 4341132.84 35.90565 (11092719) 671073.08 4341271.82 33.12775 (12050719)
671122.45 4341373.61 43.53500 (12050719) 671118.79 4341397.38 44.38337 (12050719)
670978.40 4341324.15 30.42409 (11092219) 670932.85 4341394.21 39.63837 (09011017)
670935.19 4341367.36 37.39553 (09011017) 671108.01 4340976.17 33.10072 (09102018)
671286.67 4340978.51 32.74539 (11122708) 671675.37 4342488.78 34.02496 (10021018)
671091.40 4342277.23 294.81308 (10121308) 671051.75 4342332.07 232.29641 (10110618)
671051.75 4342369.20 247.80132 (09010719) 670953.04 4342360.76 255.69857 (09120808)
670695.71 4342235.89 79.48668 (12121508) 670545.53 4342318.58 56.83528 (12121508)
670711.74 4342488.16 189.16493 (13121208) 670648.30 4342501.73 159.09052 (13121208)
670648.30 4342630.87 83.50449 (12121219) 670806.29 4342728.41 112.32455 (10110618)
670688.15 4342739.41 71.37603 (09020308) 670804.92 4342427.55 200.66472 (13020619)
670439.48 4342471.51 43.73017 (13123008) 670358.43 4342578.67 35.51539 (12010518)
670546.64 4342662.47 137.50338 (11100319) 670537.03 4342595.15 137.00096 (13121208)
670483.45 4342776.50 121.95246 (12121219) 670508.17 4342754.52 122.35810 (12121219)
670517.79 4342868.54 119.53071 (09120808) 670545.27 4342850.69 108.93421 (09120808)
670582.36 4342878.16 116.99431 (09122608) 670304.85 4342688.57 100.90827 (13123019)
670039.70 4342661.10 26.60598 (13123008) 670156.48 4342673.46 28.43311 (13123008)
670236.16 4342648.73 30.21999 (12010518) 670071.30 4342738.03 25.52218 (13123008)
669990.24 4342753.14 24.50270 (13123008) 669928.42 4342742.15 23.94798 (13123008)
669815.77 4342673.46 22.65638 (12121508) 669742.96 4342655.60 21.76563 (14010208)
669791.04 4342744.90 22.28683 (13123008) 669696.25 4342731.16 21.05074 (12121508)
669536.88 4342552.57 17.20686 (10120618) 671174.86 4342280.21 304.18973 (10021819)
671068.38 4342169.93 453.97089 (13020619) 670965.71 4342179.44 264.76711 (13121208)

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670815.50	4342198.45	102.90104	(12121508)	670737.55	4342097.68	79.88613	(12020919)
670762.27	4342069.16	83.15631	(12020919)	670817.40	4342040.64	93.79579	(12121918)
670895.36	4342025.43	114.42949	(12020919)	670979.02	4341915.15	137.62598	(11122419)
671115.92	4341863.81	228.77647	(10010608)	671199.58	4341770.65	301.39359	(12011319)
671222.39	4341377.07	66.61373	(10102519)	671714.84	4341392.28	209.00709	(11010418)
671366.89	4341998.81	233.28882	(13100219)	671226.19	4342236.48	276.96116	(12091419)
669098.44	4343411.59	10.06626	(11122608)	668908.63	4343364.56	10.06487	(13123008)
668851.52	4343359.52	9.97026	(13123008)	668831.37	4343371.27	9.85316	(13123008)
668733.94	4343302.41	9.84252	(12121508)	668686.91	4343199.95	9.98965	(14010208)
668671.79	4343089.09	10.06069	(14010208)	668806.17	4343001.74	10.67524	(14010208)
668918.71	4343025.26	11.60795	(14010208)	669024.53	4342942.95	12.35568	(14010208)
669288.24	4342916.08	14.66136	(14010208)	669333.59	4342922.80	15.00529	(12121508)
669365.51	4342978.23	14.96872	(13123008)	669336.95	4343151.23	13.12644	(13123008)
669303.36	4343304.09	11.85486	(12010518)	669222.73	4343235.22	11.90729	(13123008)

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*** AERMET - VERSION 14134 ***

*** 17:19:20

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP12 ***

INCLUDING SOURCE(S): L0001020 , L0001021 , L0001022 , L0001023 , L0001024 ,
L0001025 , L0001026 , L0001027 , L0001028 , L0001029 , L0001030 , L0001031 , L0001032 ,
L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 ,
L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

669135.39 4343305.77 10.84711 (13123008)

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*** AERMET - VERSION 14134 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

668148.79	4340781.04	4.60103 (13012822)	668370.10	4340781.04	3.97776 (13012822)
668591.41	4340781.04	3.66973 (09030621)	668812.72	4340781.04	4.01134 (13122018)
669034.03	4340781.04	3.64122 (10022222)	669255.34	4340781.04	3.45347 (10022222)
669476.65	4340781.04	3.67436 (11122708)	669697.96	4340781.04	3.48977 (13010320)
669919.27	4340781.04	4.42609 (13122018)	670140.58	4340781.04	5.58020 (12122707)
670361.89	4340781.04	7.55617 (13021307)	670583.20	4340781.04	7.57353 (13010818)
670804.51	4340781.04	8.20255 (13022820)	671025.82	4340781.04	7.85732 (13011907)
671247.13	4340781.04	7.27215 (12062621)	671468.44	4340781.04	9.77498 (11120720)
671689.75	4340781.04	11.97611 (12051420)	671911.06	4340781.04	12.21768 (13052221)
672132.37	4340781.04	8.51746 (12061920)	672353.68	4340781.04	12.56154 (09033019)
672574.99	4340781.04	9.37165 (10031019)	668148.79	4340946.00	4.25830 (13011308)
668370.10	4340946.00	4.67296 (13010818)	668591.41	4340946.00	4.52321 (10022721)
668812.72	4340946.00	4.64148 (10022222)	669034.03	4340946.00	3.66521 (13122018)
669255.34	4340946.00	3.68226 (13010319)	669476.65	4340946.00	3.90600 (11122708)
669697.96	4340946.00	4.49800 (13020607)	669919.27	4340946.00	4.76496 (09120120)
670140.58	4340946.00	4.71249 (13010319)	670361.89	4340946.00	6.80577 (09010818)
670583.20	4340946.00	9.04097 (13012822)	670804.51	4340946.00	8.84280 (13122018)
671025.82	4340946.00	7.73194 (13011907)	671247.13	4340946.00	6.68781 (09102121)
671468.44	4340946.00	8.13773 (12051020)	671689.75	4340946.00	14.31984 (10020121)
671911.06	4340946.00	14.58437 (13042120)	672132.37	4340946.00	7.37912 (13092719)
672353.68	4340946.00	12.09274 (11010418)	672574.99	4340946.00	9.52277 (13120120)
668148.79	4341110.96	4.49532 (13010818)	668370.10	4341110.96	4.72391 (13020607)
668591.41	4341110.96	4.80222 (10022721)	668812.72	4341110.96	4.70325 (13122018)
669034.03	4341110.96	4.15792 (10022222)	669255.34	4341110.96	4.49521 (13011907)
669476.65	4341110.96	4.01118 (13011907)	669697.96	4341110.96	4.74172 (10022721)
669919.27	4341110.96	4.83601 (10022222)	670140.58	4341110.96	5.92568 (09021007)
670361.89	4341110.96	8.44278 (12122707)	670583.20	4341110.96	8.57881 (09040420)
670804.51	4341110.96	6.95554 (13020607)	671025.82	4341110.96	5.93036 (13121118)
671247.13	4341110.96	8.10635 (09102318)	671468.44	4341110.96	9.12822 (11033119)
671689.75	4341110.96	15.38035 (13052221)	671911.06	4341110.96	16.32670 (13011419)
672132.37	4341110.96	7.89766 (12051820)	672353.68	4341110.96	8.47965 (12092719)
672574.99	4341110.96	10.09890 (11051920)	668148.79	4341275.92	5.02210 (13012822)
668370.10	4341275.92	5.25219 (13010818)	668591.41	4341275.92	4.91178 (13010818)
668812.72	4341275.92	3.95397 (09030621)	669034.03	4341275.92	4.33294 (12122707)
669255.34	4341275.92	4.04889 (13122018)	669476.65	4341275.92	4.17403 (12021719)
669697.96	4341275.92	4.09743 (11122708)	669919.27	4341275.92	4.80226 (13020607)
670140.58	4341275.92	7.95794 (09120721)	670361.89	4341275.92	8.50107 (11120617)
670583.20	4341275.92	6.87736 (13012808)	670804.51	4341275.92	6.62450 (09102319)
671025.82	4341275.92	5.97501 (13022822)	671247.13	4341275.92	11.38127 (12081721)
671468.44	4341275.92	16.62813 (10090519)	671689.75	4341275.92	15.41382 (13011419)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671911.06	4341275.92	15.94285	(11010418)	672132.37	4341275.92	9.41512 (12050420)
672353.68	4341275.92	6.20004	(13120120)	672574.99	4341275.92	10.10670 (09042621)
668148.79	4341440.88	5.23492	(11012619)	668370.10	4341440.88	5.41049 (11012619)
668591.41	4341440.88	5.17886	(13012822)	668812.72	4341440.88	3.88488 (11012619)
669034.03	4341440.88	4.39784	(12122707)	669255.34	4341440.88	4.20646 (13122018)
669476.65	4341440.88	4.36946	(13022822)	669697.96	4341440.88	5.06350 (13010818)
669919.27	4341440.88	6.31095	(13122720)	670140.58	4341440.88	7.88944 (10123022)
670361.89	4341440.88	8.11904	(13122318)	670583.20	4341440.88	6.65691 (12122707)
670804.51	4341440.88	9.33298	(13012822)	671025.82	4341440.88	7.84016 (09071621)
671689.75	4341440.88	9.44055	(11010418)	671911.06	4341440.88	15.88256 (10031019)
672132.37	4341440.88	10.79546	(13120120)	672353.68	4341440.88	11.25804 (11051920)
672574.99	4341440.88	6.94811	(13052920)	668148.79	4341605.84	5.55902 (12122707)
668370.10	4341605.84	5.17401	(09010818)	668591.41	4341605.84	4.55533 (13021307)
668812.72	4341605.84	4.14572	(11012619)	669034.03	4341605.84	4.29994 (13010818)
669255.34	4341605.84	4.49144	(13121008)	669476.65	4341605.84	4.78671 (10022222)
669697.96	4341605.84	5.57588	(13012822)	669919.27	4341605.84	7.90887 (11121118)
670140.58	4341605.84	8.40559	(12011608)	670361.89	4341605.84	7.50839 (13021721)
670583.20	4341605.84	7.67398	(13122918)	670804.51	4341605.84	13.97287 (13021307)
671025.82	4341605.84	14.00502	(11012707)	671689.75	4341605.84	10.17193 (11010418)
671911.06	4341605.84	13.45939	(13120120)	672132.37	4341605.84	16.12387 (11051920)
672353.68	4341605.84	12.97265	(13052920)	672574.99	4341605.84	6.63054 (10091119)
668148.79	4341770.80	5.91851	(09010818)	668370.10	4341770.80	5.13477 (12122707)
668591.41	4341770.80	5.81654	(13021307)	668812.72	4341770.80	5.13958 (13012822)
669034.03	4341770.80	4.62652	(13012822)	669255.34	4341770.80	5.19508 (12020121)
669476.65	4341770.80	5.58851	(12122707)	669697.96	4341770.80	5.90785 (10021319)
669919.27	4341770.80	8.08861	(10123020)	670140.58	4341770.80	8.10332 (09120107)
670361.89	4341770.80	6.28700	(11020619)	670583.20	4341770.80	10.72661 (09120217)
670804.51	4341770.80	15.61927	(11120617)	671025.82	4341770.80	17.17135 (13020607)
671689.75	4341770.80	17.33210	(13120120)	671911.06	4341770.80	13.05420 (11051920)
672132.37	4341770.80	11.56656	(13052920)	672353.68	4341770.80	6.83548 (10091119)
672574.99	4341770.80	8.01621	(09111517)	668148.79	4341935.76	6.31051 (13020607)
668370.10	4341935.76	6.52004	(13021307)	668591.41	4341935.76	6.37371 (13012808)
668812.72	4341935.76	4.80106	(13021307)	669034.03	4341935.76	5.04958 (13021307)
669255.34	4341935.76	5.59734	(09021007)	669476.65	4341935.76	5.21704 (11120619)
669697.96	4341935.76	6.76222	(09121708)	669919.27	4341935.76	5.60984 (09020207)
670140.58	4341935.76	5.75829	(13032321)	670361.89	4341935.76	7.08913 (09122317)
670583.20	4341935.76	14.78154	(09120107)	670804.51	4341935.76	8.64365 (12011319)
671468.44	4341935.76	29.97992	(11010418)	671689.75	4341935.76	22.95031 (11051920)
671911.06	4341935.76	15.90614	(13052920)	672132.37	4341935.76	9.07122 (10091119)
672353.68	4341935.76	5.47359	(12101607)	672574.99	4341935.76	9.55424 (13080821)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,

L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4342100.72	6.62601	(09013022)	668370.10	4342100.72	7.16787 (11120617)
668591.41	4342100.72	5.30888	(12020121)	668812.72	4342100.72	5.04573 (12122707)
669034.03	4342100.72	5.83819	(12122707)	669255.34	4342100.72	6.07446 (09120721)
669476.65	4342100.72	5.07457	(09120721)	669697.96	4342100.72	6.95904 (09020319)
669919.27	4342100.72	8.24038	(12013107)	670140.58	4342100.72	7.28974 (13031507)
670361.89	4342100.72	10.19683	(12013107)	670583.20	4342100.72	8.21418 (11010418)
671468.44	4342100.72	20.91086	(13120120)	671689.75	4342100.72	16.62513 (13052920)
671911.06	4342100.72	13.96597	(09111517)	672132.37	4342100.72	11.63235 (09111517)
672353.68	4342100.72	6.76489	(12041421)	672574.99	4342100.72	9.95438 (12041421)
668148.79	4342265.68	7.46373	(10121518)	668370.10	4342265.68	7.83920 (09021007)
668591.41	4342265.68	7.52568	(13021307)	668812.72	4342265.68	8.04158 (11012619)
669034.03	4342265.68	7.49221	(10022721)	669255.34	4342265.68	5.75705 (10022721)
669476.65	4342265.68	6.26309	(13122018)	669697.96	4342265.68	7.21017 (11120617)
669919.27	4342265.68	7.87659	(13021307)	670140.58	4342265.68	8.27339 (13010818)
670361.89	4342265.68	8.47356	(13011419)	670583.20	4342265.68	9.52126 (10031019)
670804.51	4342265.68	12.95806	(12121507)	671025.82	4342265.68	32.33225 (10081022)
671247.13	4342265.68	43.52170	(13120120)	671468.44	4342265.68	19.20279 (09042621)
671689.75	4342265.68	14.85120	(10091119)	671911.06	4342265.68	14.04563 (13080821)
672132.37	4342265.68	11.96016	(12041421)	672353.68	4342265.68	10.59194 (12070821)
672574.99	4342265.68	10.08545	(11121817)	668148.79	4342430.64	4.48311 (12011319)
668370.10	4342430.64	8.41515	(12122707)	668591.41	4342430.64	7.11375 (09012719)
668812.72	4342430.64	7.19362	(11120721)	669034.03	4342430.64	7.88152 (12121322)
669255.34	4342430.64	9.18247	(09012719)	669476.65	4342430.64	8.48537 (11033119)
669697.96	4342430.64	8.50162	(12121322)	669919.27	4342430.64	8.29311 (11120721)
670140.58	4342430.64	8.94145	(13011419)	670361.89	4342430.64	9.60675 (12050420)
670583.20	4342430.64	13.96550	(09012719)	670804.51	4342430.64	20.10021 (12121322)
671025.82	4342430.64	47.54802	(11010418)	671247.13	4342430.64	22.21667 (09042621)
671468.44	4342430.64	14.33582	(09111517)	671689.75	4342430.64	12.50671 (12041421)
671911.06	4342430.64	11.15117	(12070821)	672132.37	4342430.64	11.24109 (13080820)
672353.68	4342430.64	11.81890	(11121817)	672574.99	4342430.64	7.76593 (12081720)
668148.79	4342595.60	5.40719	(12011319)	668370.10	4342595.60	5.52495 (12011319)
668591.41	4342595.60	5.42331	(12011319)	668812.72	4342595.60	8.43453 (10020121)
669034.03	4342595.60	9.18229	(13011419)	669255.34	4342595.60	11.32170 (09012719)
669476.65	4342595.60	11.30465	(12121322)	669697.96	4342595.60	9.86396 (13092719)
669919.27	4342595.60	12.81003	(13120120)	670140.58	4342595.60	10.38158 (09033019)
670361.89	4342595.60	13.47334	(12010620)	670583.20	4342595.60	13.20101 (10013121)
670804.51	4342595.60	23.52966	(13120522)	671025.82	4342595.60	45.19852 (12010922)
671247.13	4342595.60	24.91843	(11021121)	671468.44	4342595.60	9.01779 (09092922)
671689.75	4342595.60	6.29477	(09050719)	671911.06	4342595.60	6.22528 (09050719)
672132.37	4342595.60	8.81606	(12081720)	672353.68	4342595.60	12.30914 (12081720)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
 L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672574.99	4342595.60	10.47385 (09090320)	668148.79	4342760.56	10.08854 (13022519)
668370.10	4342760.56	10.91041 (09120120)	668591.41	4342760.56	9.79096 (09030720)
668812.72	4342760.56	11.07172 (13010818)	669034.03	4342760.56	11.73078 (13020607)
669255.34	4342760.56	11.34775 (12021719)	669476.65	4342760.56	17.11243 (12121322)
669697.96	4342760.56	9.57369 (13010319)	669919.27	4342760.56	10.41609 (12020122)
670140.58	4342760.56	10.19795 (13122720)	670361.89	4342760.56	11.76661 (11021921)
670583.20	4342760.56	13.98750 (13020422)	670804.51	4342760.56	44.00763 (10011020)
671025.82	4342760.56	30.10568 (12041421)	671247.13	4342760.56	9.97990 (09050719)
671468.44	4342760.56	6.96650 (13051019)	671689.75	4342760.56	5.75722 (13120717)
671911.06	4342760.56	4.86135 (09012017)	672132.37	4342760.56	5.83653 (09012017)
672353.68	4342760.56	11.00215 (09090320)	672574.99	4342760.56	11.05382 (09092920)
668148.79	4342925.52	12.30792 (12011319)	668370.10	4342925.52	13.17179 (13120507)
668591.41	4342925.52	10.51908 (13121107)	668812.72	4342925.52	12.56979 (12122707)
669034.03	4342925.52	14.07276 (13020607)	669476.65	4342925.52	16.36954 (12051820)
669697.96	4342925.52	12.60101 (10121507)	669919.27	4342925.52	10.25247 (09021920)
670140.58	4342925.52	12.26574 (09020319)	670361.89	4342925.52	16.36764 (12020622)
670583.20	4342925.52	35.48717 (13092719)	670804.51	4342925.52	45.13073 (12111121)
671025.82	4342925.52	7.49519 (13051019)	671247.13	4342925.52	7.30647 (09012017)
671468.44	4342925.52	5.55620 (09012017)	671689.75	4342925.52	4.81115 (13021920)
671911.06	4342925.52	4.10960 (13050720)	672132.37	4342925.52	3.58048 (12080719)
672353.68	4342925.52	5.89971 (11092618)	672574.99	4342925.52	8.90070 (13032919)
668148.79	4343090.48	11.59203 (12011319)	668370.10	4343090.48	12.30065 (10123020)
668591.41	4343090.48	14.05718 (10121519)	669476.65	4343090.48	29.39414 (13052920)
669697.96	4343090.48	19.52118 (12121322)	669919.27	4343090.48	18.11111 (09042621)
670140.58	4343090.48	16.16890 (12121507)	670361.89	4343090.48	39.47248 (09042621)
670583.20	4343090.48	35.48124 (09090320)	670804.51	4343090.48	26.01326 (09090320)
671025.82	4343090.48	6.62420 (11092618)	671247.13	4343090.48	6.09246 (11092618)
671468.44	4343090.48	4.54546 (11092618)	671689.75	4343090.48	3.98078 (10111922)
671911.06	4343090.48	3.60461 (10111922)	672132.37	4343090.48	3.32895 (10111922)
672353.68	4343090.48	2.95786 (10111922)	672574.99	4343090.48	3.63482 (10093018)
668148.79	4343255.44	24.34335 (10022221)	668370.10	4343255.44	23.69930 (10123020)
668591.41	4343255.44	18.47431 (13012822)	669476.65	4343255.44	22.77756 (09090320)
669697.96	4343255.44	54.92808 (09111517)	669919.27	4343255.44	57.77744 (13122317)
670140.58	4343255.44	56.87683 (12013019)	670361.89	4343255.44	38.43699 (12013019)
670583.20	4343255.44	26.71364 (12013019)	670804.51	4343255.44	27.44261 (13122719)
671025.82	4343255.44	5.45843 (13050522)	671247.13	4343255.44	4.74102 (13092218)
671468.44	4343255.44	4.15787 (13092218)	671689.75	4343255.44	3.44323 (13012708)
671911.06	4343255.44	3.04795 (13012708)	672132.37	4343255.44	2.89107 (13012708)
672353.68	4343255.44	2.72378 (13012708)	672574.99	4343255.44	2.42518 (13012708)
668148.79	4343420.40	35.23547 (10013107)	668370.10	4343420.40	46.86145 (09021921)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

(YYMMDDHH)

668591.41	4343420.40	59.48233	(12121918)	668812.72	4343420.40	66.86902 (12071720)
669034.03	4343420.40	55.80929	(13020407)	669255.34	4343420.40	45.08961 (13020407)
669476.65	4343420.40	53.00758	(13020407)	669697.96	4343420.40	22.59897 (13121220)
669919.27	4343420.40	27.50225	(13031621)	670140.58	4343420.40	30.54218 (13020407)
670361.89	4343420.40	25.54915	(13020407)	670583.20	4343420.40	21.35101 (13020407)
670804.51	4343420.40	18.15572	(12071720)	671025.82	4343420.40	14.61157 (13010421)
671247.13	4343420.40	6.47496	(12021921)	671468.44	4343420.40	3.21639 (10102517)
671689.75	4343420.40	2.82625	(10102517)	671911.06	4343420.40	2.49166 (10102517)
672132.37	4343420.40	2.26944	(10102517)	672353.68	4343420.40	2.10137 (10102517)
672574.99	4343420.40	1.93434	(10102517)	668148.79	4343585.36	22.90906 (09022722)
668370.10	4343585.36	23.75324	(13020107)	668591.41	4343585.36	18.84161 (13021807)
668812.72	4343585.36	26.38546	(12010518)	669034.03	4343585.36	21.72652 (12111121)
669255.34	4343585.36	16.43151	(13010421)	669476.65	4343585.36	19.95622 (11092521)
669697.96	4343585.36	27.40333	(13031621)	669919.27	4343585.36	22.92728 (11072320)
670140.58	4343585.36	19.15857	(11072320)	670361.89	4343585.36	18.16496 (11072320)
670583.20	4343585.36	15.41582	(11072320)	670804.51	4343585.36	12.53978 (11072320)
671025.82	4343585.36	12.59354	(13031621)	671247.13	4343585.36	6.77808 (13071620)
671468.44	4343585.36	3.46092	(11121121)	671689.75	4343585.36	2.71527 (13021919)
671911.06	4343585.36	2.28495	(11091818)	672132.37	4343585.36	2.13360 (11091818)
672353.68	4343585.36	1.95962	(11091818)	672574.99	4343585.36	1.84970 (11091818)
668148.79	4343750.32	18.52740	(10011007)	668370.10	4343750.32	14.72271 (13123007)
668591.41	4343750.32	15.74631	(13020121)	668812.72	4343750.32	18.34710 (09120808)
669034.03	4343750.32	14.02569	(13123019)	669255.34	4343750.32	12.43370 (09122608)
669476.65	4343750.32	14.46038	(11021121)	669697.96	4343750.32	14.04440 (12011618)
669919.27	4343750.32	16.40714	(12011618)	670140.58	4343750.32	15.11313 (13052320)
670361.89	4343750.32	12.57202	(12011618)	670583.20	4343750.32	12.90957 (13052320)
670804.51	4343750.32	11.96779	(09010407)	671025.82	4343750.32	10.22642 (09010407)
671247.13	4343750.32	7.69744	(12011618)	671468.44	4343750.32	7.04247 (13052320)
671689.75	4343750.32	6.20372	(13052320)	671911.06	4343750.32	5.35576 (13121422)
672132.37	4343750.32	2.22925	(13021919)	672353.68	4343750.32	1.90679 (13021919)
672574.99	4343750.32	1.85690	(13021919)	668148.79	4343915.28	14.89552 (12020622)
668370.10	4343915.28	12.52560	(09120807)	668591.41	4343915.28	11.05905 (12020622)
668812.72	4343915.28	11.25614	(13021622)	669034.03	4343915.28	11.05528 (13022220)
669255.34	4343915.28	9.72375	(09122607)	669476.65	4343915.28	8.91058 (11012908)
669697.96	4343915.28	12.61373	(11092319)	669919.27	4343915.28	11.13449 (13041019)
670140.58	4343915.28	12.60565	(11071520)	670361.89	4343915.28	12.12650 (11121722)

670583.20	4343915.28	8.71615	(11121722)	670804.51	4343915.28	8.30310	(12011618)
671025.82	4343915.28	7.19350	(12011618)	671247.13	4343915.28	8.10202	(13052320)
671468.44	4343915.28	5.60749	(13041019)	671689.75	4343915.28	7.17108	(11021121)
671911.06	4343915.28	4.53567	(13100219)	672132.37	4343915.28	3.84452	(10102018)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672353.68	4343915.28	2.65096	(11092521)	672574.99	4343915.28	1.91234 (12032519)
668148.79	4344080.24	13.07553	(13123019)	668370.10	4344080.24	12.11487 (13121208)
668591.41	4344080.24	9.47551	(13021622)	668812.72	4344080.24	9.69446 (13120521)
669034.03	4344080.24	8.92328	(09120808)	669255.34	4344080.24	7.92901 (10121220)
669476.65	4344080.24	8.12978	(11022720)	669697.96	4344080.24	10.13862 (13100219)
669919.27	4344080.24	10.71454	(11092521)	670140.58	4344080.24	6.79276 (11092319)
670361.89	4344080.24	10.12663	(11071520)	670583.20	4344080.24	9.33369 (11022219)
670804.51	4344080.24	6.76487	(13042320)	671025.82	4344080.24	5.49040 (13121422)
671247.13	4344080.24	5.35684	(11121722)	671468.44	4344080.24	6.54125 (11121722)
671689.75	4344080.24	5.17256	(09080521)	671911.06	4344080.24	2.03564 (13082220)
672132.37	4344080.24	1.52017	(09030918)	672353.68	4344080.24	1.55293 (09030918)
672574.99	4344080.24	1.48481	(12032519)	671464.71	4342094.27	22.37049 (13120120)
671482.23	4342063.91	24.95162	(13120120)	671498.58	4342030.05	26.40896 (13120120)
671513.75	4341991.52	28.21802	(10031019)	671541.78	4341964.66	27.85413 (10031019)
671575.64	4341974.00	24.69226	(13120120)	671460.75	4342162.97	17.32763 (11092622)
671451.00	4342187.35	17.15564	(11092622)	671510.73	4342219.66	16.86095 (09042621)
671524.14	4342192.84	15.29476	(09042621)	671522.92	4342250.74	17.14982 (13052920)
671599.11	4342252.57	15.27236	(10091119)	671627.76	4342256.84	15.54146 (10091119)
671583.88	4342116.03	12.93072	(11051920)	671595.46	4342071.54	13.55196 (11051920)
671663.12	4342056.30	16.56803	(09042621)	671600.94	4342030.09	16.95951 (11092622)
671526.58	4342155.65	14.50637	(11051920)	671628.98	4342292.19	15.62392 (10091119)
671641.78	4341980.71	21.66308	(11092622)	671666.77	4342018.51	19.29631 (11051920)
671407.11	4342219.66	20.34881	(11092622)	671415.64	4342183.08	21.14370 (11092622)
671635.08	4341706.42	16.43444	(13120120)	671693.59	4341710.08	14.93515 (13120120)
671719.80	4341736.29	14.11254	(13120120)	671673.48	4341630.23	11.63730 (11010418)
671888.04	4341936.22	15.05736	(13052920)	671977.64	4341952.07	15.19628 (10091119)
672039.21	4341894.77	13.51621	(13052220)	671858.17	4341753.96	11.50925 (11051920)
671922.78	4341634.49	12.98407	(13120120)	671613.74	4341791.15	19.57693 (10022220)
671853.29	4341730.80	11.48994	(11051920)	671783.81	4341585.73	10.44559 (13120120)
671783.20	4341546.72	10.37632	(10022220)	671769.18	4341461.38	10.28682 (11010418)
671800.87	4341420.54	11.42197	(11010418)	671880.11	4341427.25	15.04509 (12050420)

672012.39	4341504.66	15.29001 (13120120)	672084.31	4341547.94	15.82347 (11092622)
671915.47	4341478.45	15.78503 (10031019)	671903.28	4341564.40	14.26758 (13120120)
671863.05	4341522.34	13.00596 (13120120)	671830.13	4341336.43	12.35154 (11010418)
671835.62	4341287.66	11.82892 (11010418)	671825.87	4341275.47	11.48344 (11010418)
672136.73	4341370.56	8.86584 (13100619)	671920.34	4341307.17	17.49134 (11010418)
671695.42	4341257.19	15.13328 (13011419)	671682.01	4341176.12	16.59062 (11123117)
671991.66	4341196.23	16.18742 (09033019)	672022.14	4341231.59	16.81896 (11010418)
671992.27	4341177.95	15.68484 (09033019)	671540.60	4341238.29	14.19757 (11120721)
671575.34	4341177.95	11.71868 (11120721)	671454.65	4341196.23	12.26800 (11033119)

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*** AERMET - VERSION 14134 *** ***

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PAGE 1035

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
 L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
 L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
 L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

671523.53	4341116.38	9.46026	(13080221)	671413.20	4341126.74	10.53364 (12051020)
671471.11	4341064.57	8.87069	(12020122)	671601.55	4341050.55	14.04853 (12051420)
671198.64	4341253.53	7.94745	(12062621)	671278.49	4341212.08	10.44180 (09030720)
671230.34	4341132.84	7.52405	(09102121)	671073.08	4341271.82	5.98607 (13011907)
671122.45	4341373.61	8.62059	(13011918)	671118.79	4341397.38	9.35720 (13011918)
670978.40	4341324.15	6.34333	(10091220)	670932.85	4341394.21	7.53444 (13120119)
670935.19	4341367.36	7.25536	(13120119)	671108.01	4340976.17	6.66147 (13011918)
671286.67	4340978.51	7.10529	(12081721)	671675.37	4342488.78	9.18808 (09092922)
671091.40	4342277.23	43.62990	(10101520)	671051.75	4342332.07	40.00204 (09012719)
671051.75	4342369.20	50.62790	(12020122)	670953.04	4342360.76	26.56672 (09120808)
670695.71	4342235.89	12.38199	(11120721)	670545.53	4342318.58	9.73491 (12050420)
670711.74	4342488.16	18.20683	(13123019)	670648.30	4342501.73	15.03930 (09120807)
670648.30	4342630.87	9.57348	(13010422)	670806.29	4342728.41	34.37001 (13022220)
670688.15	4342739.41	10.24480	(12121220)	670804.92	4342427.55	20.20568 (12121322)
670439.48	4342471.51	10.35759	(12050420)	670358.43	4342578.67	12.69733 (12010620)
670546.64	4342662.47	15.55789	(10021907)	670537.03	4342595.15	13.92476 (12121918)
670483.45	4342776.50	16.78115	(13120522)	670508.17	4342754.52	16.24046 (13120522)
670517.79	4342868.54	20.88338	(09120807)	670545.27	4342850.69	18.17260 (09120807)
670582.36	4342878.16	24.03066	(12021920)	670304.85	4342688.57	11.25453 (13021307)
670039.70	4342661.10	10.93280	(13011419)	670156.48	4342673.46	10.30209 (12121322)
670236.16	4342648.73	12.50829	(13020607)	670071.30	4342738.03	11.97112 (10121518)
669990.24	4342753.14	10.23244	(12020122)	669928.42	4342742.15	10.85998 (10020121)
669815.77	4342673.46	9.73861	(12020122)	669742.96	4342655.60	9.08080 (09030720)
669791.04	4342744.90	9.47918	(09102121)	669696.25	4342731.16	9.34858 (12021719)
669536.88	4342552.57	10.87215	(12121322)	671174.86	4342280.21	49.41694 (12062820)
671068.38	4342169.93	45.93018	(13120522)	670965.71	4342179.44	28.96893 (13120722)

670815.50	4342198.45	13.00397 (13120722)	670737.55	4342097.68	9.73581 (10123020)
670762.27	4342069.16	10.11234 (10121507)	670817.40	4342040.64	11.34101 (12011319)
670895.36	4342025.43	13.01626 (12011319)	670979.02	4341915.15	11.43582 (13010818)
671115.92	4341863.81	12.17961 (12010620)	671199.58	4341770.65	9.05982 (11120721)
671222.39	4341377.07	15.51205 (09102318)	671714.84	4341392.28	10.59110 (11010418)
671366.89	4341998.81	22.45140 (13052920)	671226.19	4342236.48	40.10989 (10022220)
669098.44	4343411.59	50.86956 (13020407)	668908.63	4343364.56	59.56236 (12013019)
668851.52	4343359.52	54.47846 (12013019)	668831.37	4343371.27	59.21018 (12013019)
668733.94	4343302.41	33.44549 (09111517)	668686.91	4343199.95	23.47822 (12011319)
668671.79	4343089.09	16.83772 (11021921)	668806.17	4343001.74	14.53351 (12122707)
668918.71	4343025.26	14.49604 (13120419)	669024.53	4342942.95	15.32329 (13020607)
669288.24	4342916.08	17.30337 (12020122)	669333.59	4342922.80	18.73745 (11120721)
669365.51	4342978.23	23.49344 (12121322)	669336.95	4343151.23	37.37835 (11051920)
669303.36	4343304.09	55.57966 (13122317)	669222.73	4343235.22	57.10037 (13120120)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP13 ***

INCLUDING SOURCE(S): L0000851 , L0000852 , L0000853 , L0000854 , L0000855 ,
L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 , L0000862 , L0000863 ,
L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 , L0000870 , L0000871 ,
L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 , L0000878 , ... ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39 4343305.77 49.41035 (12121507)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

668148.79 4340781.04 23.13356 (13020419)

668591.41 4340781.04 28.38231 (13010219)

669034.03 4340781.04 34.59215 (12010418)

668370.10 4340781.04 25.74854 (10021319)

668812.72 4340781.04 31.05478 (11122718)

669255.34 4340781.04 38.70886 (09122317)

669476.65	4340781.04	43.29769	(11121118)	669697.96	4340781.04	48.94670	(10010719)
669919.27	4340781.04	87.99267	(12011319)	670140.58	4340781.04	78.14207	(12122717)
670361.89	4340781.04	65.81969	(09120217)	670583.20	4340781.04	45.31162	(12021208)
670804.51	4340781.04	41.00960	(09111419)	671025.82	4340781.04	33.51971	(14010117)
671247.13	4340781.04	36.57021	(10082219)	671468.44	4340781.04	44.91709	(09011917)
671689.75	4340781.04	53.22715	(11033119)	671911.06	4340781.04	51.98700	(11123117)
672132.37	4340781.04	34.74374	(11111217)	672353.68	4340781.04	53.34487	(12091119)
672574.99	4340781.04	85.11589	(11100718)	668148.79	4340946.00	22.53631	(09012008)
668370.10	4340946.00	24.79183	(13020419)	668591.41	4340946.00	28.42699	(13020419)
668812.72	4340946.00	31.39350	(10021319)	669034.03	4340946.00	35.48789	(13010219)
669255.34	4340946.00	40.24619	(11122718)	669476.65	4340946.00	45.22688	(12010418)
669697.96	4340946.00	65.56905	(10112418)	669919.27	4340946.00	87.45091	(11121118)
670140.58	4340946.00	102.47224	(12011319)	670361.89	4340946.00	81.67453	(12122717)
670583.20	4340946.00	67.25661	(13010619)	670804.51	4340946.00	46.15334	(10021608)
671025.82	4340946.00	38.61054	(11111318)	671247.13	4340946.00	37.55135	(11102617)
671468.44	4340946.00	44.82003	(09011917)	671689.75	4340946.00	65.47133	(13011817)
671911.06	4340946.00	74.65811	(13011419)	672132.37	4340946.00	27.69970	(10110818)
672353.68	4340946.00	41.17268	(13090819)	672574.99	4340946.00	96.88418	(10091119)
668148.79	4341110.96	22.55625	(10010308)	668370.10	4341110.96	25.16175	(10010308)
668591.41	4341110.96	28.85048	(10010308)	668812.72	4341110.96	32.11033	(09012008)
669034.03	4341110.96	35.33066	(09012008)	669255.34	4341110.96	40.64094	(13020419)
669476.65	4341110.96	47.14697	(10021319)	669697.96	4341110.96	76.83199	(13010219)
669919.27	4341110.96	70.22307	(12010418)	670140.58	4341110.96	92.49744	(10020808)
670361.89	4341110.96	70.88055	(10010719)	670583.20	4341110.96	46.62976	(09082819)
670804.51	4341110.96	36.16583	(13111218)	671025.82	4341110.96	35.62520	(13010608)
671247.13	4341110.96	44.99773	(12050719)	671468.44	4341110.96	51.74699	(09011917)
671689.75	4341110.96	93.06816	(13092718)	671911.06	4341110.96	86.30700	(09010817)
672132.37	4341110.96	31.95397	(12081519)	672353.68	4341110.96	31.45381	(09120718)
672574.99	4341110.96	88.91001	(09100818)	668148.79	4341275.92	23.30054	(11120619)
668370.10	4341275.92	26.05941	(11120619)	668591.41	4341275.92	29.52587	(11120619)
668812.72	4341275.92	33.08087	(11120619)	669034.03	4341275.92	36.50773	(10010308)
669255.34	4341275.92	42.45353	(10010308)	669476.65	4341275.92	48.48436	(09012008)
669697.96	4341275.92	55.72587	(09012008)	669919.27	4341275.92	102.46429	(13020419)
670140.58	4341275.92	63.50847	(12013108)	670361.89	4341275.92	52.17848	(09011817)
670583.20	4341275.92	39.46042	(11022008)	670804.51	4341275.92	37.29613	(10010618)
671025.82	4341275.92	38.01896	(11021919)	671247.13	4341275.92	51.29050	(12050719)
671468.44	4341275.92	98.96789	(11032919)	671689.75	4341275.92	143.15968	(11111217)

*** AERMOD - VERSION 19191 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)

671911.06 4341275.92 107.26354 (11100718) 672132.37 4341275.92 39.68889 (12011017)

672353.68	4341275.92	29.80011	(13011917)	672574.99	4341275.92	105.00413	(11121817)
668148.79	4341440.88	23.75375	(09020319)	668370.10	4341440.88	26.47200	(09020319)
668591.41	4341440.88	29.50642	(09020319)	668812.72	4341440.88	33.11406	(09020319)
669034.03	4341440.88	36.65222	(09020319)	669255.34	4341440.88	41.50669	(11120619)
669476.65	4341440.88	49.21455	(11120619)	669697.96	4341440.88	58.38284	(11120619)
669919.27	4341440.88	89.45516	(11112619)	670140.58	4341440.88	55.22309	(09121708)
670361.89	4341440.88	46.01042	(12020808)	670583.20	4341440.88	40.57003	(11123108)
670804.51	4341440.88	47.30921	(09100419)	671025.82	4341440.88	44.56473	(11022008)
671689.75	4341440.88	362.79479	(11100718)	671911.06	4341440.88	121.78743	(13042519)
672132.37	4341440.88	42.01304	(09050719)	672353.68	4341440.88	41.10995	(13120717)
672574.99	4341440.88	109.63719	(11040519)	668148.79	4341605.84	24.51018	(09123019)
668370.10	4341605.84	27.22438	(09123019)	668591.41	4341605.84	30.34574	(09123019)
668812.72	4341605.84	34.04667	(09123019)	669034.03	4341605.84	38.42164	(09123019)
669255.34	4341605.84	43.83643	(09123019)	669476.65	4341605.84	50.72111	(09123019)
669697.96	4341605.84	83.18666	(09123019)	669919.27	4341605.84	79.35361	(11112018)
670140.58	4341605.84	63.63591	(09020208)	670361.89	4341605.84	45.48328	(10021408)
670583.20	4341605.84	46.56008	(10021408)	670804.51	4341605.84	71.58495	(10021408)
671025.82	4341605.84	64.03489	(10021408)	671689.75	4341605.84	446.67293	(13122317)
671911.06	4341605.84	158.41374	(13122317)	672132.37	4341605.84	62.52215	(10093018)
672353.68	4341605.84	53.61298	(10093018)	672574.99	4341605.84	100.51372	(12013019)
668148.79	4341770.80	24.10310	(10010608)	668370.10	4341770.80	27.40044	(10010608)
668591.41	4341770.80	29.93389	(10010608)	668812.72	4341770.80	33.67026	(10010608)
669034.03	4341770.80	38.24047	(10010608)	669255.34	4341770.80	43.59511	(10010608)
669476.65	4341770.80	75.55032	(10010608)	669697.96	4341770.80	92.69852	(12011408)
669919.27	4341770.80	70.54991	(12011408)	670140.58	4341770.80	57.13487	(11103018)
670361.89	4341770.80	42.82051	(09021908)	670583.20	4341770.80	62.29764	(13020108)
670804.51	4341770.80	162.40591	(11121308)	671025.82	4341770.80	262.06960	(10112518)
671689.75	4341770.80	119.87020	(11082019)	671911.06	4341770.80	127.64683	(12090419)
672132.37	4341770.80	41.94841	(13021919)	672353.68	4341770.80	29.58594	(11051019)
672574.99	4341770.80	80.33411	(13042019)	668148.79	4341935.76	23.09096	(11122419)
668370.10	4341935.76	26.21817	(11122419)	668591.41	4341935.76	29.77538	(11122419)
668812.72	4341935.76	33.47636	(11122419)	669034.03	4341935.76	38.00839	(12010519)
669255.34	4341935.76	68.90431	(12010519)	669476.65	4341935.76	85.33486	(12010519)
669697.96	4341935.76	56.46161	(11121308)	669919.27	4341935.76	43.63758	(11121308)
670140.58	4341935.76	43.81327	(11122619)	670361.89	4341935.76	50.12465	(10112518)
670583.20	4341935.76	114.93076	(10123118)	670804.51	4341935.76	207.61454	(11122519)
671468.44	4341935.76	104.17587	(10020119)	671689.75	4341935.76	73.58751	(11081119)
671911.06	4341935.76	74.99837	(13082519)	672132.37	4341935.76	35.30623	(13110317)
672353.68	4341935.76	25.94484	(11081519)	672574.99	4341935.76	95.61025	(12090419)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					

668148.79	4342100.72	23.18445 (12010519)	668370.10	4342100.72	26.12028 (12010519)
668591.41	4342100.72	29.20929 (11121308)	668812.72	4342100.72	33.33340 (11121308)
669034.03	4342100.72	37.85241 (11121308)	669255.34	4342100.72	57.70801 (12121918)
669476.65	4342100.72	88.65392 (12121918)	669697.96	4342100.72	83.16798 (10112518)
669919.27	4342100.72	76.14609 (10123118)	670140.58	4342100.72	57.48870 (10010418)
670361.89	4342100.72	154.14125 (11103019)	670583.20	4342100.72	132.54492 (12121508)
671468.44	4342100.72	58.31902 (12011417)	671689.75	4342100.72	52.99921 (10021018)
671911.06	4342100.72	60.46766 (12042219)	672132.37	4342100.72	43.23482 (13092318)
672353.68	4342100.72	28.54974 (10122218)	672574.99	4342100.72	94.58851 (12011618)
668148.79	4342265.68	23.28917 (11121308)	668370.10	4342265.68	26.23265 (12121918)
668591.41	4342265.68	28.60832 (12121918)	668812.72	4342265.68	31.68223 (12121918)
669034.03	4342265.68	34.90702 (10112518)	669255.34	4342265.68	40.26984 (12020919)
669476.65	4342265.68	47.91560 (12020919)	669697.96	4342265.68	72.24293 (10120618)
669919.27	4342265.68	83.71952 (10120618)	670140.58	4342265.68	122.77937 (11122518)
670361.89	4342265.68	95.55170 (13123008)	670583.20	4342265.68	115.15521 (12010518)
670804.51	4342265.68	146.89950 (12012908)	671025.82	4342265.68	145.64005 (12111517)
671247.13	4342265.68	167.33328 (11010908)	671468.44	4342265.68	58.41196 (12100218)
671689.75	4342265.68	55.80859 (09112608)	671911.06	4342265.68	50.41412 (11030418)
672132.37	4342265.68	60.06300 (11083019)	672353.68	4342265.68	51.76421 (11022219)
672574.99	4342265.68	61.68535 (11022219)	668148.79	4342430.64	21.23296 (12121918)
668370.10	4342430.64	24.26749 (10112518)	668591.41	4342430.64	25.05697 (10112518)
668812.72	4342430.64	28.62981 (12020919)	669034.03	4342430.64	31.87197 (12020919)
669255.34	4342430.64	35.73555 (10120618)	669476.65	4342430.64	44.38046 (10120618)
669697.96	4342430.64	51.26404 (11122519)	669919.27	4342430.64	60.53404 (12121508)
670140.58	4342430.64	67.83566 (13123008)	670361.89	4342430.64	82.90741 (12010518)
670583.20	4342430.64	163.52822 (13121208)	670804.51	4342430.64	191.84373 (13021619)
671025.82	4342430.64	199.93358 (09121008)	671247.13	4342430.64	54.19590 (13032719)
671468.44	4342430.64	47.46255 (13051219)	671689.75	4342430.64	40.45034 (13093018)
671911.06	4342430.64	43.21962 (13082319)	672132.37	4342430.64	59.67732 (10101519)
672353.68	4342430.64	98.91817 (11083019)	672574.99	4342430.64	62.62332 (11022219)
668148.79	4342595.60	21.08130 (12020919)	668370.10	4342595.60	23.24915 (12020919)
668591.41	4342595.60	24.86575 (12020919)	668812.72	4342595.60	27.48591 (10120618)
669034.03	4342595.60	31.52381 (10120618)	669255.34	4342595.60	35.72123 (11122519)
669476.65	4342595.60	39.98007 (14010208)	669697.96	4342595.60	48.77527 (12121508)
669919.27	4342595.60	52.58848 (11122608)	670140.58	4342595.60	64.70603 (12010518)
670361.89	4342595.60	76.74814 (11121108)	670583.20	4342595.60	78.07587 (13020619)
670804.51	4342595.60	105.94039 (10110618)	671025.82	4342595.60	159.71587 (12010118)
671247.13	4342595.60	81.66077 (12091419)	671468.44	4342595.60	35.47840 (13051219)
671689.75	4342595.60	28.13219 (10020119)	671911.06	4342595.60	28.23001 (09112608)
672132.37	4342595.60	36.72881 (13100718)	672353.68	4342595.60	100.13561 (13031619)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

672574.99	4342595.60	52.92316	(11083019)	668148.79	4342760.56	20.95008 (12020919)
668370.10	4342760.56	23.41734	(10120618)	668591.41	4342760.56	25.51797 (10120618)
668812.72	4342760.56	27.72219	(11122519)	669034.03	4342760.56	32.23119 (11122518)
669255.34	4342760.56	35.78944	(12121508)	669476.65	4342760.56	39.38685 (13123008)
669697.96	4342760.56	46.43257	(11122608)	669919.27	4342760.56	52.64701 (12010518)
670140.58	4342760.56	105.02599	(10121218)	670361.89	4342760.56	117.56338 (12121219)
670583.20	4342760.56	63.88964	(12102919)	670804.51	4342760.56	79.03967 (09010719)
671025.82	4342760.56	76.69722	(10021819)	671247.13	4342760.56	37.14236 (12111818)
671468.44	4342760.56	30.47512	(13051219)	671689.75	4342760.56	27.81360 (10020119)
671911.06	4342760.56	22.34008	(11022319)	672132.37	4342760.56	27.22577 (13082319)
672353.68	4342760.56	75.10284	(09090619)	672574.99	4342760.56	81.21967 (13031619)
668148.79	4342925.52	21.51517	(10120618)	668370.10	4342925.52	22.49632 (10120618)
668591.41	4342925.52	25.88360	(11122519)	668812.72	4342925.52	27.88243 (14010208)
669034.03	4342925.52	30.99195	(12121508)	669476.65	4342925.52	37.37278 (11122608)
669697.96	4342925.52	43.74222	(12010518)	669919.27	4342925.52	84.46111 (10121218)
670140.58	4342925.52	94.99906	(11100319)	670361.89	4342925.52	88.54080 (09120808)
670583.20	4342925.52	116.67722	(10110618)	670804.51	4342925.52	109.10281 (12011419)
671025.82	4342925.52	30.31476	(11040919)	671247.13	4342925.52	33.41208 (11112017)
671468.44	4342925.52	24.10308	(12110118)	671689.75	4342925.52	22.73809 (12102318)
671911.06	4342925.52	18.73558	(13052619)	672132.37	4342925.52	15.94460 (09112608)
672353.68	4342925.52	32.75605	(13100718)	672574.99	4342925.52	68.62066 (10101519)
668148.79	4343090.48	19.95264	(11122519)	668370.10	4343090.48	21.85421 (11122518)
668591.41	4343090.48	24.76502	(14010208)	669476.65	4343090.48	34.83492 (12010518)
669697.96	4343090.48	39.07393	(12011719)	669919.27	4343090.48	45.35212 (12012908)
670140.58	4343090.48	91.25646	(13020619)	670361.89	4343090.48	55.88502 (09122608)
670583.20	4343090.48	61.08629	(09010719)	670804.51	4343090.48	112.85720 (12010118)
671025.82	4343090.48	27.04151	(11040919)	671247.13	4343090.48	26.32421 (11012908)
671468.44	4343090.48	21.89113	(12110118)	671689.75	4343090.48	19.80971 (12011417)
671911.06	4343090.48	16.87553	(11030318)	672132.37	4343090.48	17.46750 (09112608)
672353.68	4343090.48	14.89162	(10021018)	672574.99	4343090.48	16.87369 (10021919)
668148.79	4343255.44	19.62327	(14010208)	668370.10	4343255.44	21.27746 (12121508)
668591.41	4343255.44	23.43491	(13123008)	669476.65	4343255.44	33.47731 (12011719)
669697.96	4343255.44	37.64981	(13121208)	669919.27	4343255.44	41.65006 (13020619)
670140.58	4343255.44	46.46466	(13021619)	670361.89	4343255.44	48.85457 (10110618)
670583.20	4343255.44	51.35850	(09010719)	670804.51	4343255.44	58.96687 (10021819)
671025.82	4343255.44	22.72916	(10080819)	671247.13	4343255.44	18.06200 (12111818)
671468.44	4343255.44	21.18790	(12110118)	671689.75	4343255.44	15.85218 (12011417)
671911.06	4343255.44	14.86170	(11030318)	672132.37	4343255.44	14.93938 (11022319)
672353.68	4343255.44	12.49870	(10100218)	672574.99	4343255.44	11.07766 (10050719)
668148.79	4343420.40	19.94154	(12121508)	668370.10	4343420.40	20.75804 (13123008)

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668591.41	4343420.40	21.25671	(11122608)	668812.72	4343420.40	23.75160 (10011008)
669034.03	4343420.40	25.47438	(12010518)	669255.34	4343420.40	27.35990 (12011719)
669476.65	4343420.40	30.28020	(11121108)	669697.96	4343420.40	34.62446 (11100319)
669919.27	4343420.40	38.08629	(09120808)	670140.58	4343420.40	40.02490 (09122608)
670361.89	4343420.40	42.99864	(09010719)	670583.20	4343420.40	44.28546 (12011419)
670804.51	4343420.40	51.34192	(10021819)	671025.82	4343420.40	48.84776 (13032719)
671247.13	4343420.40	34.18789	(11121418)	671468.44	4343420.40	18.56501 (12110118)
671689.75	4343420.40	13.34954	(10020217)	671911.06	4343420.40	14.21821 (10020119)
672132.37	4343420.40	11.78884	(13052619)	672353.68	4343420.40	12.26931 (11081319)
672574.99	4343420.40	11.47634	(10021018)	668148.79	4343585.36	19.28310 (13123008)
668370.10	4343585.36	20.56591	(11122608)	668591.41	4343585.36	21.36544 (10011008)
668812.72	4343585.36	23.37890	(12010518)	669034.03	4343585.36	25.26881 (12011719)
669255.34	4343585.36	27.53643	(11121108)	669476.65	4343585.36	29.22638 (12012908)
669697.96	4343585.36	31.26565	(13020619)	669919.27	4343585.36	34.12811 (13021619)
670140.58	4343585.36	36.07500	(10110618)	670361.89	4343585.36	39.80005 (09010719)
670583.20	4343585.36	40.55646	(12010118)	670804.51	4343585.36	46.05650 (11010908)
671025.82	4343585.36	39.77096	(11112017)	671247.13	4343585.36	34.86004 (11121418)
671468.44	4343585.36	20.68003	(12110118)	671689.75	4343585.36	15.00937 (12100218)
671911.06	4343585.36	14.11729	(10020119)	672132.37	4343585.36	11.71971 (13052619)
672353.68	4343585.36	10.87962	(11081319)	672574.99	4343585.36	8.98615 (10100218)
668148.79	4343750.32	18.79190	(11122608)	668370.10	4343750.32	20.36785 (10011008)
668591.41	4343750.32	21.55084	(12010518)	668812.72	4343750.32	22.68337 (13123019)
669034.03	4343750.32	25.12874	(11121108)	669255.34	4343750.32	26.99109 (12012908)
669476.65	4343750.32	28.22805	(13020619)	669697.96	4343750.32	30.07171 (09120808)
669919.27	4343750.32	31.16846	(10110418)	670140.58	4343750.32	32.39608 (09010719)
670361.89	4343750.32	35.62025	(09121008)	670583.20	4343750.32	38.38406 (10021819)
670804.51	4343750.32	41.48657	(11010908)	671025.82	4343750.32	37.62541 (11112017)
671247.13	4343750.32	75.82664	(11121418)	671468.44	4343750.32	44.61833 (13041219)
671689.75	4343750.32	60.12266	(13100819)	671911.06	4343750.32	31.12882 (10090419)
672132.37	4343750.32	15.17986	(10040319)	672353.68	4343750.32	11.94537 (11022319)
672574.99	4343750.32	10.27186	(09112608)	668148.79	4343915.28	17.90467 (10011008)
668370.10	4343915.28	19.57021	(12010518)	668591.41	4343915.28	21.04142 (13123019)
668812.72	4343915.28	22.07884	(11121108)	669034.03	4343915.28	24.14576 (13121208)
669255.34	4343915.28	25.18729	(12121219)	669476.65	4343915.28	26.60423 (13020619)
669697.96	4343915.28	28.68108	(09122608)	669919.27	4343915.28	29.40697 (10110618)
670140.58	4343915.28	32.46625	(09010719)	670361.89	4343915.28	31.95679 (12011419)
670583.20	4343915.28	36.43917	(10021819)	670804.51	4343915.28	37.41458 (11010908)
671025.82	4343915.28	36.00954	(11112017)	671247.13	4343915.28	39.16530 (09010118)
671468.44	4343915.28	39.15819	(13041219)	671689.75	4343915.28	44.22902 (13121217)
671911.06	4343915.28	25.79842	(13110818)	672132.37	4343915.28	16.92486 (10040319)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP14 ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)
672353.68	4343915.28	17.36342 (13093018)	672574.99	4343915.28	15.63248 (09112608)
668148.79	4344080.24	17.54176 (12010518)	668370.10	4344080.24	18.78727 (13123019)
668591.41	4344080.24	19.61240 (11121108)	668812.72	4344080.24	21.71999 (13121208)
669034.03	4344080.24	22.69502 (11100319)	669255.34	4344080.24	24.73269 (13020619)
669476.65	4344080.24	25.86318 (09120808)	669697.96	4344080.24	26.44307 (10110418)
669919.27	4344080.24	26.06970 (09010719)	670140.58	4344080.24	30.04306 (09010719)
670361.89	4344080.24	29.82383 (12010118)	670583.20	4344080.24	32.67538 (10021819)
670804.51	4344080.24	32.96385 (11010908)	671025.82	4344080.24	58.55430 (11112017)
671247.13	4344080.24	36.04270 (09010118)	671468.44	4344080.24	26.27956 (09010118)
671689.75	4344080.24	28.38641 (13121217)	671911.06	4344080.24	15.03364 (12011417)
672132.37	4344080.24	11.79001 (10020119)	672353.68	4344080.24	10.68939 (13052619)
672574.99	4344080.24	10.29078 (11022319)	671464.71	4342094.27	59.87972 (12011417)
671482.23	4342063.91	64.06009 (12011417)	671498.58	4342030.05	67.08757 (10020119)
671513.75	4341991.52	70.33851 (11030318)	671541.78	4341964.66	70.21419 (11022319)
671575.64	4341974.00	60.17737 (10021018)	671460.75	4342162.97	53.27532 (13051219)
671451.00	4342187.35	54.71515 (13051219)	671510.73	4342219.66	54.08892 (12011417)
671524.14	4342192.84	51.21634 (12102318)	671522.92	4342250.74	54.88390 (12011417)
671599.11	4342252.57	51.87082 (10040319)	671627.76	4342256.84	50.82817 (13093018)
671583.88	4342116.03	45.17854 (11022319)	671595.46	4342071.54	46.26619 (11081319)
671663.12	4342056.30	50.41529 (10021018)	671600.94	4342030.09	50.34170 (11081319)
671526.58	4342155.65	49.65377 (10020119)	671628.98	4342292.19	52.14044 (10040319)
671641.78	4341980.71	57.16082 (10021919)	671666.77	4342018.51	53.42878 (10021919)
671407.11	4342219.66	61.54434 (12110118)	671415.64	4342183.08	62.11221 (12110118)
671635.08	4341706.42	174.00144 (11082219)	671693.59	4341710.08	195.31088 (13122719)
671719.80	4341736.29	193.84872 (13042019)	671673.48	4341630.23	413.30611 (13122317)
671888.04	4341936.22	83.27118 (13082519)	671977.64	4341952.07	60.96247 (11081819)
672039.21	4341894.77	47.80135 (13110317)	671858.17	4341753.96	203.81863 (13042019)
671922.78	4341634.49	142.42626 (12013019)	671613.74	4341791.15	106.98230 (13012818)
671853.29	4341730.80	213.44511 (13042019)	671783.81	4341585.73	340.27850 (11040519)
671783.20	4341546.72	355.52147 (11121817)	671769.18	4341461.38	347.54269 (09111517)
671800.87	4341420.54	289.33854 (10091119)	671880.11	4341427.25	157.11549 (09111517)
672012.39	4341504.66	56.01086 (09050719)	672084.31	4341547.94	59.38153 (09012017)
671915.47	4341478.45	120.34572 (10010517)	671903.28	4341564.40	157.36392 (11040519)
671863.05	4341522.34	216.00875 (11121817)	671830.13	4341336.43	220.94369 (11100718)
671835.62	4341287.66	208.14486 (12091119)	671825.87	4341275.47	214.88636 (13100619)
672136.73	4341370.56	38.59983 (13011917)	671920.34	4341307.17	91.76622 (10091119)
671695.42	4341257.19	128.74934 (11111217)	671682.01	4341176.12	92.07613 (13092718)
671991.66	4341196.23	81.07244 (13090819)	672022.14	4341231.59	69.41464 (10091119)
671992.27	4341177.95	64.49164 (10110117)	671540.60	4341238.29	68.16891 (13011817)
671575.34	4341177.95	59.75129 (13011817)	671454.65	4341196.23	62.94394 (09011917)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP14 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

671523.53	4341116.38	50.95353 (12110317)	671413.20	4341126.74	48.26366 (09011917)
671471.11	4341064.57	49.55887 (09011917)	671601.55	4341050.55	60.77728 (11102917)
671198.64	4341253.53	44.08281 (11111318)	671278.49	4341212.08	52.63645 (12050719)
671230.34	4341132.84	43.70273 (12050719)	671073.08	4341271.82	39.02653 (10021608)
671122.45	4341373.61	46.50697 (11021919)	671118.79	4341397.38	47.86515 (11021919)
670978.40	4341324.15	37.65604 (09012817)	670932.85	4341394.21	40.92533 (10101719)
670935.19	4341367.36	39.46351 (10010618)	671108.01	4340976.17	31.74733 (11111318)
671286.67	4340978.51	36.36785 (11102617)	671675.37	4342488.78	36.32913 (11030318)
671091.40	4342277.23	161.34831 (09121008)	671051.75	4342332.07	123.07052 (09121008)
671051.75	4342369.20	140.70976 (09121008)	670953.04	4342360.76	136.18248 (10110618)
670695.71	4342235.89	135.27293 (13123019)	670545.53	4342318.58	107.13017 (13123019)
670711.74	4342488.16	125.33782 (09120808)	670648.30	4342501.73	108.92718 (13020619)
670648.30	4342630.87	51.48895 (09020308)	670806.29	4342728.41	79.45795 (09010719)
670688.15	4342739.41	46.34638 (11122808)	670804.92	4342427.55	191.60170 (13021619)
670439.48	4342471.51	86.47326 (12011719)	670358.43	4342578.67	76.84782 (11121108)
670546.64	4342662.47	87.64853 (13020619)	670537.03	4342595.15	100.42587 (12121219)
670483.45	4342776.50	86.31404 (09120808)	670508.17	4342754.52	84.96381 (09120808)
670517.79	4342868.54	83.15167 (09122608)	670545.27	4342850.69	71.03929 (10110418)
670582.36	4342878.16	80.50877 (10110618)	670304.85	4342688.57	116.57777 (13121208)
670039.70	4342661.10	58.54270 (12010518)	670156.48	4342673.46	63.30999 (13123019)
670236.16	4342648.73	66.42826 (12011719)	670071.30	4342738.03	58.18955 (13123019)
669990.24	4342753.14	55.20531 (13123019)	669928.42	4342742.15	53.25012 (12010518)
669815.77	4342673.46	50.47095 (11122608)	669742.96	4342655.60	48.81150 (13123008)
669791.04	4342744.90	49.20295 (10011008)	669696.25	4342731.16	46.17461 (11122608)
669536.88	4342552.57	41.71677 (11122518)	671174.86	4342280.21	200.09578 (10021819)
671068.38	4342169.93	294.48697 (10110618)	670965.71	4342179.44	258.32193 (09120808)
670815.50	4342198.45	160.55327 (11121108)	670737.55	4342097.68	155.11350 (11122608)
670762.27	4342069.16	163.26426 (11122608)	670817.40	4342040.64	183.64248 (11122608)
670895.36	4342025.43	213.43033 (12010518)	670979.02	4341915.15	293.77416 (13123008)
671115.92	4341863.81	450.97444 (10011008)	671199.58	4341770.65	790.08822 (12121508)
671222.39	4341377.07	63.59882 (13010608)	671714.84	4341392.28	310.64577 (12091119)
671366.89	4341998.81	239.91525 (11012908)	671226.19	4342236.48	206.90276 (11010908)
669098.44	4343411.59	25.77251 (13123019)	668908.63	4343364.56	24.62520 (10011008)
668851.52	4343359.52	24.06009 (10011008)	668831.37	4343371.27	23.79799 (10011008)
668733.94	4343302.41	22.95808 (09101719)	668686.91	4343199.95	24.73724 (13123008)
668671.79	4343089.09	25.42535 (12121508)	668806.17	4343001.74	26.91436 (12121508)
668918.71	4343025.26	28.47259 (13123008)	669024.53	4342942.95	30.54315 (12121508)
669288.24	4342916.08	33.82766 (13123008)	669333.59	4342922.80	33.45258 (09101719)
669365.51	4342978.23	34.34944 (11122608)	669336.95	4343151.23	31.77580 (12010518)
669303.36	4343304.09	30.11448 (13123019)	669222.73	4343235.22	29.39569 (12010518)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP14 ***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

669135.39	4343305.77	27.35623	(12010518)			
*** AERMOD - VERSION 19191 *** ** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***						
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***
INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC

668148.79	4340781.04	39.94526	(11120408)	668370.10	4340781.04	33.20669 (13121008)
668591.41	4340781.04	31.66991	(13121008)	668812.72	4340781.04	31.39070 (11122708)
669034.03	4340781.04	32.58398	(11122708)	669255.34	4340781.04	19.71556 (09010608)
669476.65	4340781.04	22.61171	(09010608)	669697.96	4340781.04	15.70986 (12021708)
669919.27	4340781.04	16.61941	(12021708)	670140.58	4340781.04	7.92134 (12021708)
670361.89	4340781.04	14.03625	(10123008)	670583.20	4340781.04	12.99410 (10123008)
670804.51	4340781.04	5.35469	(13122109)	671025.82	4340781.04	6.93301 (13122109)
671247.13	4340781.04	5.04288	(13122109)	671468.44	4340781.04	4.24290 (11121411)
671689.75	4340781.04	4.42952	(12022509)	671911.06	4340781.04	4.06679 (10072608)
672132.37	4340781.04	3.72415	(10072608)	672353.68	4340781.04	5.40412 (13022308)
672574.99	4340781.04	11.82491	(13022308)	668148.79	4340946.00	78.21279 (11120408)
668370.10	4340946.00	64.78812	(13121008)	668591.41	4340946.00	55.50475 (13121008)
668812.72	4340946.00	46.64889	(11122708)	669034.03	4340946.00	30.75305 (11122708)
669255.34	4340946.00	21.97376	(09010608)	669476.65	4340946.00	23.71801 (09010608)
669697.96	4340946.00	17.06473	(12021708)	669919.27	4340946.00	15.23999 (12021708)
670140.58	4340946.00	11.89613	(10123008)	670361.89	4340946.00	16.69335 (10123008)
670583.20	4340946.00	10.83944	(10123008)	670804.51	4340946.00	7.33395 (13122109)
671025.82	4340946.00	6.61883	(13122109)	671247.13	4340946.00	4.40545 (11121411)
671468.44	4340946.00	4.65290	(12022509)	671689.75	4340946.00	4.24280 (10072608)
671911.06	4340946.00	3.93460	(10072608)	672132.37	4340946.00	5.04407 (13022308)
672353.68	4340946.00	11.90288	(13022308)	672574.99	4340946.00	17.88884 (13022308)
668148.79	4341110.96	98.90032	(11120408)	668370.10	4341110.96	91.59653 (13011308)
668591.41	4341110.96	60.46848	(13121008)	668812.72	4341110.96	40.20543 (11122708)
669034.03	4341110.96	38.08087	(11122708)	669255.34	4341110.96	30.69369 (11122708)
669476.65	4341110.96	22.89347	(09010608)	669697.96	4341110.96	18.89781 (12021708)
669919.27	4341110.96	16.18805	(12021708)	670140.58	4341110.96	15.26320 (10123008)

670361.89	4341110.96	15.96236 (10123008)	670583.20	4341110.96	7.12102 (13122109)
670804.51	4341110.96	8.13102 (13122109)	671025.82	4341110.96	4.83570 (13122109)
671247.13	4341110.96	4.87414 (12022509)	671468.44	4341110.96	4.43884 (10072608)
671689.75	4341110.96	4.17306 (10072608)	671911.06	4341110.96	8.30369 (13022308)
672132.37	4341110.96	12.07033 (13022308)	672353.68	4341110.96	16.05923 (13022308)
672574.99	4341110.96	17.60780 (13022308)	668148.79	4341275.92	103.47533 (11120408)
668370.10	4341275.92	72.64948 (13121008)	668591.41	4341275.92	52.00710 (13121008)
668812.72	4341275.92	26.90863 (13121008)	669034.03	4341275.92	21.16486 (11011708)
669255.34	4341275.92	22.97028 (09010608)	669476.65	4341275.92	22.01731 (09010608)
669697.96	4341275.92	22.63371 (12021708)	669919.27	4341275.92	11.87270 (12021708)
670140.58	4341275.92	16.72368 (10123008)	670361.89	4341275.92	12.09132 (10123008)
670583.20	4341275.92	9.21701 (13122109)	670804.51	4341275.92	6.96295 (13122109)
671025.82	4341275.92	5.09178 (12022509)	671247.13	4341275.92	4.77909 (12022509)
671468.44	4341275.92	4.45566 (10072608)	671689.75	4341275.92	10.80585 (13022308)

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc ***

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

671911.06	4341275.92	17.86150 (13022308)	672132.37	4341275.92	17.27383 (13022308)
672353.68	4341275.92	13.39383 (13022308)	672574.99	4341275.92	11.11411 (13022308)
668148.79	4341440.88	111.31565 (13012808)	668370.10	4341440.88	68.17594 (11120408)
668591.41	4341440.88	45.67907 (13121008)	668812.72	4341440.88	22.05274 (10021708)
669034.03	4341440.88	22.45508 (11011708)	669255.34	4341440.88	26.50694 (09010608)
669476.65	4341440.88	21.99037 (09010609)	669697.96	4341440.88	22.17393 (12021708)
669919.27	4341440.88	15.08216 (10123008)	670140.58	4341440.88	17.11995 (10123008)
670361.89	4341440.88	9.54558 (13122109)	670583.20	4341440.88	9.35158 (13122109)
670804.51	4341440.88	5.35146 (11121411)	671025.82	4341440.88	5.27151 (12022509)
671689.75	4341440.88	22.62470 (13022308)	671911.06	4341440.88	22.13640 (13022308)
672132.37	4341440.88	13.89728 (13022308)	672353.68	4341440.88	7.85784 (13022308)
672574.99	4341440.88	9.15844 (10121008)	668148.79	4341605.84	54.55045 (11120408)
668370.10	4341605.84	38.19948 (11120408)	668591.41	4341605.84	29.89419 (13121008)
668812.72	4341605.84	25.09650 (13121008)	669034.03	4341605.84	27.79826 (11011708)
669255.34	4341605.84	27.27384 (09010608)	669476.65	4341605.84	23.09714 (09010609)
669697.96	4341605.84	20.68995 (12021708)	669919.27	4341605.84	18.31907 (10123008)
670140.58	4341605.84	14.91336 (10123008)	670361.89	4341605.84	11.55166 (13122109)
670583.20	4341605.84	6.93939 (13122109)	670804.51	4341605.84	5.87880 (12022509)
671025.82	4341605.84	5.28038 (10072608)	671689.75	4341605.84	25.58021 (13022308)
671911.06	4341605.84	16.53171 (13022308)	672132.37	4341605.84	8.27831 (10121008)
672353.68	4341605.84	10.52665 (10121008)	672574.99	4341605.84	12.10269 (10121008)
668148.79	4341770.80	103.78986 (13012808)	668370.10	4341770.80	35.41232 (13010608)
668591.41	4341770.80	44.29332 (13121008)	668812.72	4341770.80	37.27838 (13121008)
669034.03	4341770.80	28.87036 (11011708)	669255.34	4341770.80	24.19604 (09010608)

669476.65	4341770.80	22.88477	(09010609)	669697.96	4341770.80	16.10228	(12021708)
669919.27	4341770.80	19.94184	(10123008)	670140.58	4341770.80	12.97222	(13122109)
670361.89	4341770.80	10.43423	(13122109)	670583.20	4341770.80	6.67070	(12022509)
670804.51	4341770.80	8.23219	(13022308)	671025.82	4341770.80	20.39543	(13022308)
671689.75	4341770.80	14.77795	(13022308)	671911.06	4341770.80	11.95078	(10121008)
672132.37	4341770.80	12.13573	(10121008)	672353.68	4341770.80	11.16811	(10121008)
672574.99	4341770.80	11.11715	(10121008)	668148.79	4341935.76	143.17047	(12120808)
668370.10	4341935.76	119.85575	(11120408)	668591.41	4341935.76	49.85053	(11120408)
668812.72	4341935.76	30.57848	(13121008)	669034.03	4341935.76	26.46335	(11011708)
669255.34	4341935.76	25.99675	(09010609)	669476.65	4341935.76	21.27697	(09010609)
669697.96	4341935.76	19.03694	(10123008)	669919.27	4341935.76	17.49009	(10123008)
670140.58	4341935.76	14.50241	(13122109)	670361.89	4341935.76	7.73252	(12022509)
670583.20	4341935.76	9.74842	(13022308)	670804.51	4341935.76	29.25394	(13022308)
671468.44	4341935.76	11.87305	(13022308)	671689.75	4341935.76	14.41820	(10121008)
671911.06	4341935.76	14.65812	(10121008)	672132.37	4341935.76	11.15220	(10121008)
672353.68	4341935.76	10.04698	(12111008)	672574.99	4341935.76	10.09497	(12111008)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

668148.79	4342100.72	164.87782	(12120808)	668370.10	4342100.72	66.67459	(13020408)
668591.41	4342100.72	37.84361	(13010608)	668812.72	4342100.72	29.91397	(10021708)
669034.03	4342100.72	27.20402	(11011708)	669255.34	4342100.72	30.01221	(09010609)
669476.65	4342100.72	22.95159	(12021708)	669697.96	4342100.72	23.47940	(10123008)
669919.27	4342100.72	18.64857	(13122109)	670140.58	4342100.72	11.44221	(13122109)
670361.89	4342100.72	14.04415	(13022308)	670583.20	4342100.72	37.58043	(13022308)
671468.44	4342100.72	15.41196	(10121008)	671689.75	4342100.72	13.82392	(10121008)
671911.06	4342100.72	12.94503	(12111008)	672132.37	4342100.72	11.04038	(12111008)
672353.68	4342100.72	8.30355	(12111008)	672574.99	4342100.72	6.99836	(12111008)
668148.79	4342265.68	169.52553	(12120808)	668370.10	4342265.68	65.85635	(12021208)
668591.41	4342265.68	109.62184	(11120408)	668812.72	4342265.68	76.23134	(13121008)
669034.03	4342265.68	65.27705	(11122708)	669255.34	4342265.68	40.33103	(09010609)
669476.65	4342265.68	32.53621	(10123008)	669697.96	4342265.68	28.47774	(10123008)
669919.27	4342265.68	20.27969	(13122109)	670140.58	4342265.68	19.66159	(13022308)
670361.89	4342265.68	44.44537	(13022308)	670583.20	4342265.68	45.11230	(13022308)
670804.51	4342265.68	26.44971	(13022308)	671025.82	4342265.68	20.23889	(10121008)
671247.13	4342265.68	18.40068	(10121008)	671468.44	4342265.68	14.71372	(12111008)
671689.75	4342265.68	12.76058	(12111008)	671911.06	4342265.68	9.88468	(12111008)
672132.37	4342265.68	7.17005	(12111008)	672353.68	4342265.68	4.99062	(12010910)
672574.99	4342265.68	4.87548	(12010910)	668148.79	4342430.64	191.66335	(10122708)
668370.10	4342430.64	202.25788	(12120808)	668591.41	4342430.64	222.77343	(13012808)
668812.72	4342430.64	231.90638	(13011308)	669034.03	4342430.64	257.93531	(11122708)

669255.34	4342430.64	205.78537	(11122708)	669476.65	4342430.64	64.39307	(10123008)
669697.96	4342430.64	38.45534	(10123008)	669919.27	4342430.64	38.89036	(13022308)
670140.58	4342430.64	61.48224	(13022308)	670361.89	4342430.64	50.71388	(13022308)
670583.20	4342430.64	25.51488	(10121008)	670804.51	4342430.64	23.86760	(10121008)
671025.82	4342430.64	19.59981	(12111008)	671247.13	4342430.64	14.28980	(12111008)
671468.44	4342430.64	10.28363	(12111008)	671689.75	4342430.64	6.81324	(12111008)
671911.06	4342430.64	6.25800	(12111009)	672132.37	4342430.64	6.63019	(12111009)
672353.68	4342430.64	6.66812	(12111009)	672574.99	4342430.64	6.48053	(12111009)
668148.79	4342595.60	222.23985	(12011608)	668370.10	4342595.60	241.85159	(10122708)
668591.41	4342595.60	258.19943	(12120808)	668812.72	4342595.60	280.39587	(13012808)
669034.03	4342595.60	320.47548	(11122708)	669255.34	4342595.60	230.56516	(11122708)
669476.65	4342595.60	94.27119	(10123008)	669697.96	4342595.60	61.05617	(13022308)
669919.27	4342595.60	84.14598	(13022308)	670140.58	4342595.60	51.72796	(13022308)
670361.89	4342595.60	32.76299	(10121008)	670583.20	4342595.60	21.91138	(12111008)
670804.51	4342595.60	18.16839	(12111008)	671025.82	4342595.60	13.23156	(12111008)
671247.13	4342595.60	9.29208	(12111009)	671468.44	4342595.60	9.41758	(12111009)
671689.75	4342595.60	9.04315	(12111009)	671911.06	4342595.60	8.31953	(12111009)
672132.37	4342595.60	7.37323	(12111009)	672353.68	4342595.60	6.36163	(12111009)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
672574.99	4342595.60	5.63339	(13031608)	668148.79	4342760.56	299.28671	(10020808)
668370.10	4342760.56	287.88307	(12122408)	668591.41	4342760.56	331.77887	(12120808)
668812.72	4342760.56	318.26670	(12120708)	669034.03	4342760.56	129.64014	(11122708)
669255.34	4342760.56	90.46292	(10123008)	669476.65	4342760.56	109.82949	(13022308)
669697.96	4342760.56	71.82112	(13022308)	669919.27	4342760.56	47.16124	(10121008)
670140.58	4342760.56	30.80725	(12111008)	670361.89	4342760.56	22.56540	(12111008)
670583.20	4342760.56	15.48886	(12111009)	670804.51	4342760.56	14.53508	(12111009)
671025.82	4342760.56	12.89335	(12111009)	671247.13	4342760.56	10.99282	(12111009)
671468.44	4342760.56	9.04995	(12111009)	671689.75	4342760.56	7.58316	(13031608)
671911.06	4342760.56	6.53433	(13010611)	672132.37	4342760.56	6.37296	(13010611)
672353.68	4342760.56	6.12649	(13010611)	672574.99	4342760.56	5.94265	(13010611)
668148.79	4342925.52	356.70990	(11010508)	668370.10	4342925.52	402.69201	(12011208)
668591.41	4342925.52	223.55447	(10020808)	668812.72	4342925.52	261.83715	(12011608)
669034.03	4342925.52	183.54918	(10021608)	669476.65	4342925.52	147.91640	(13022308)
669697.96	4342925.52	48.41794	(12111008)	669919.27	4342925.52	32.79675	(12111009)
670140.58	4342925.52	25.55624	(12111009)	670361.89	4342925.52	19.84489	(12111009)
670583.20	4342925.52	15.14520	(12111009)	670804.51	4342925.52	12.65789	(13010611)
671025.82	4342925.52	11.68907	(13010611)	671247.13	4342925.52	10.52126	(13010611)
671468.44	4342925.52	9.51567	(13010611)	671689.75	4342925.52	8.57885	(13010611)
671911.06	4342925.52	7.76280	(13010611)	672132.37	4342925.52	7.17430	(13012708)

672353.68	4342925.52	9.46513 (13012708)	672574.99	4342925.52	11.74311 (13012708)
668148.79	4343090.48	339.50688 (09020208)	668370.10	4343090.48	469.94007 (09020208)
668591.41	4343090.48	312.78674 (09020408)	669476.65	4343090.48	181.00397 (13012708)
669697.96	4343090.48	100.65054 (13012708)	669919.27	4343090.48	63.59338 (13012708)
670140.58	4343090.48	45.62210 (13012708)	670361.89	4343090.48	48.94209 (13012708)
670583.20	4343090.48	53.59374 (13012708)	670804.51	4343090.48	35.52707 (13012708)
671025.82	4343090.48	24.71102 (13012708)	671247.13	4343090.48	23.43843 (13012708)
671468.44	4343090.48	20.71140 (13012708)	671689.75	4343090.48	19.04858 (13012708)
671911.06	4343090.48	17.73537 (13012708)	672132.37	4343090.48	16.81946 (13012708)
672353.68	4343090.48	15.59869 (13012708)	672574.99	4343090.48	17.07573 (13012708)
668148.79	4343255.44	349.63338 (13020108)	668370.10	4343255.44	491.32230 (11121308)
668591.41	4343255.44	746.20767 (11121308)	669476.65	4343255.44	102.35648 (13012708)
669697.96	4343255.44	78.29673 (13012708)	669919.27	4343255.44	55.60809 (13012708)
670140.58	4343255.44	47.15219 (13012708)	670361.89	4343255.44	50.20861 (13012708)
670583.20	4343255.44	51.22114 (13012708)	670804.51	4343255.44	35.95097 (13012708)
671025.82	4343255.44	19.77731 (13012708)	671247.13	4343255.44	18.32788 (13012708)
671468.44	4343255.44	16.98001 (13012708)	671689.75	4343255.44	15.13325 (13012708)
671911.06	4343255.44	14.06064 (13012708)	672132.37	4343255.44	13.54692 (13012708)
672353.68	4343255.44	13.00119 (13012708)	672574.99	4343255.44	12.00758 (13012708)
668148.79	4343420.40	368.09848 (13122708)	668370.10	4343420.40	440.95015 (13122708)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
668591.41	4343420.40	576.36466 (11122608)	668812.72	4343420.40	652.36549 (09120808)
669034.03	4343420.40	719.14868 (11010908)	669255.34	4343420.40	386.91779 (11012908)
669476.65	4343420.40	211.67820 (10112508)	669697.96	4343420.40	76.45603 (10112508)
669919.27	4343420.40	63.31096 (10112508)	670140.58	4343420.40	74.50105 (10112508)
670361.89	4343420.40	47.73536 (13011508)	670583.20	4343420.40	45.36463 (13011508)
670804.51	4343420.40	31.21392 (13011508)	671025.82	4343420.40	20.45257 (13011508)
671247.13	4343420.40	17.20796 (13011508)	671468.44	4343420.40	13.30869 (13011508)
671689.75	4343420.40	11.08243 (13011508)	671911.06	4343420.40	8.91912 (13011508)
672132.37	4343420.40	7.24493 (13011508)	672353.68	4343420.40	5.83632 (13011508)
672574.99	4343420.40	5.11366 (09092708)	668148.79	4343585.36	162.02084 (14010208)
668370.10	4343585.36	191.54171 (12010108)	668591.41	4343585.36	431.77484 (12012908)
668812.72	4343585.36	284.96421 (09020308)	669034.03	4343585.36	128.66280 (11010908)
669255.34	4343585.36	120.98306 (09112608)	669476.65	4343585.36	109.65354 (09112608)
669697.96	4343585.36	111.06346 (10112508)	669919.27	4343585.36	128.65511 (10112508)
670140.58	4343585.36	119.90110 (10112508)	670361.89	4343585.36	93.03885 (10112508)
670583.20	4343585.36	56.65741 (10112508)	670804.51	4343585.36	24.04827 (10112508)
671025.82	4343585.36	19.34192 (13011508)	671247.13	4343585.36	13.23982 (13011508)
671468.44	4343585.36	13.01145 (13011508)	671689.75	4343585.36	13.01061 (13011508)

671911.06	4343585.36	11.97371 (13011508)	672132.37	4343585.36	11.28619 (13011508)
672353.68	4343585.36	10.18364 (13011508)	672574.99	4343585.36	9.33044 (13011508)
668148.79	4343750.32	181.80905 (10011008)	668370.10	4343750.32	90.91312 (12111208)
668591.41	4343750.32	110.24899 (10113008)	668812.72	4343750.32	139.65080 (10121308)
669034.03	4343750.32	61.14423 (10110908)	669255.34	4343750.32	56.11583 (09112608)
669476.65	4343750.32	85.77585 (09112608)	669697.96	4343750.32	73.82340 (09021308)
669919.27	4343750.32	67.61662 (13120708)	670140.58	4343750.32	74.01755 (10112508)
670361.89	4343750.32	74.82047 (10112508)	670583.20	4343750.32	81.11280 (10112508)
670804.51	4343750.32	64.20957 (10112508)	671025.82	4343750.32	37.65076 (10112508)
671247.13	4343750.32	12.37130 (10112508)	671468.44	4343750.32	7.24054 (13011508)
671689.75	4343750.32	8.92088 (13011508)	671911.06	4343750.32	8.02884 (13011508)
672132.37	4343750.32	7.94715 (13011508)	672353.68	4343750.32	7.94403 (13011508)
672574.99	4343750.32	8.58589 (13011508)	668148.79	4343915.28	246.39739 (11121108)
668370.10	4343915.28	89.92125 (11111708)	668591.41	4343915.28	67.73047 (10113008)
668812.72	4343915.28	70.09341 (10020508)	669034.03	4343915.28	48.83927 (10110908)
669255.34	4343915.28	39.17515 (09112608)	669476.65	4343915.28	50.77315 (09112608)
669697.96	4343915.28	65.68346 (09112608)	669919.27	4343915.28	59.40024 (09021308)
670140.58	4343915.28	50.63729 (13120708)	670361.89	4343915.28	51.74681 (13120708)
670583.20	4343915.28	47.41754 (10112508)	670804.51	4343915.28	54.77177 (10112508)
671025.82	4343915.28	40.29160 (10112508)	671247.13	4343915.28	44.23152 (10112508)
671468.44	4343915.28	17.76675 (10112508)	671689.75	4343915.28	8.39111 (10112508)
671911.06	4343915.28	4.46711 (12101210)	672132.37	4343915.28	4.75424 (12101210)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)						

672353.68	4343915.28	4.86951 (12101210)	672574.99	4343915.28	4.82926 (12101210)
668148.79	4344080.24	168.32199 (12012908)	668370.10	4344080.24	112.43284 (09020308)
668591.41	4344080.24	58.82061 (10121308)	668812.72	4344080.24	49.38928 (10020508)
669034.03	4344080.24	40.57343 (10110908)	669255.34	4344080.24	28.27598 (11011208)
669476.65	4344080.24	58.89091 (09112608)	669697.96	4344080.24	66.67445 (09112608)
669919.27	4344080.24	44.14089 (09021308)	670140.58	4344080.24	41.14860 (09021308)
670361.89	4344080.24	39.40904 (13120708)	670583.20	4344080.24	42.45084 (13120708)
670804.51	4344080.24	32.37227 (13120708)	671025.82	4344080.24	19.36165 (10112508)
671247.13	4344080.24	35.87898 (10112508)	671468.44	4344080.24	34.54805 (10112508)
671689.75	4344080.24	14.13038 (10112508)	671911.06	4344080.24	6.18228 (10112508)
672132.37	4344080.24	3.60728 (10122909)	672353.68	4344080.24	3.40204 (12101210)
672574.99	4344080.24	3.81806 (12101210)	671464.71	4342094.27	15.48514 (10121008)
671482.23	4342063.91	15.33690 (10121008)	671498.58	4342030.05	14.84847 (10121008)
671513.75	4341991.52	14.06335 (10121008)	671541.78	4341964.66	13.53354 (10121008)
671575.64	4341974.00	13.92872 (10121008)	671460.75	4342162.97	14.95411 (10121008)
671451.00	4342187.35	14.62635 (10121008)	671510.73	4342219.66	14.11891 (12111008)

671524.14	4342192.84	13.69139 (12111008)	671522.92	4342250.74	14.28523 (12111008)
671599.11	4342252.57	13.76044 (12111008)	671627.76	4342256.84	13.49672 (12111008)
671583.88	4342116.03	13.93071 (10121008)	671595.46	4342071.54	14.35613 (10121008)
671663.12	4342056.30	14.61949 (10121008)	671600.94	4342030.09	14.64778 (10121008)
671526.58	4342155.65	14.04050 (10121008)	671628.98	4342292.19	12.84138 (12111008)
671641.78	4341980.71	14.55883 (10121008)	671666.77	4342018.51	14.90704 (10121008)
671407.11	4342219.66	14.82860 (10121008)	671415.64	4342183.08	15.50417 (10121008)
671635.08	4341706.42	21.87001 (13022308)	671693.59	4341710.08	19.46456 (13022308)
671719.80	4341736.29	16.59374 (13022308)	671673.48	4341630.23	24.87140 (13022308)
671888.04	4341936.22	14.85638 (10121008)	671977.64	4341952.07	13.72764 (10121008)
672039.21	4341894.77	13.31271 (10121008)	671858.17	4341753.96	10.95887 (10121008)
671922.78	4341634.49	14.21018 (13022308)	671613.74	4341791.15	16.48245 (13022308)
671853.29	4341730.80	11.51552 (13022308)	671783.81	4341585.73	23.30478 (13022308)
671783.20	4341546.72	24.43854 (13022308)	671769.18	4341461.38	24.39571 (13022308)
671800.87	4341420.54	23.26657 (13022308)	671880.11	4341427.25	22.73067 (13022308)
672012.39	4341504.66	15.70562 (13022308)	672084.31	4341547.94	11.45799 (13022308)
671915.47	4341478.45	21.48741 (13022308)	671903.28	4341564.40	19.07993 (13022308)
671863.05	4341522.34	22.41918 (13022308)	671830.13	4341336.43	19.97122 (13022308)
671835.62	4341287.66	17.31966 (13022308)	671825.87	4341275.47	16.27772 (13022308)
672136.73	4341370.56	15.77714 (13022308)	671920.34	4341307.17	19.18510 (13022308)
671695.42	4341257.19	9.78780 (13022308)	671682.01	4341176.12	4.95361 (13022308)
671991.66	4341196.23	15.57614 (13022308)	672022.14	4341231.59	17.63392 (13022308)
671992.27	4341177.95	14.14655 (13022308)	671540.60	4341238.29	4.30057 (10072608)
671575.34	4341177.95	4.35978 (10072608)	671454.65	4341196.23	4.58963 (10072608)

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC
(YYMMDDHH)					
671523.53	4341116.38	4.48337 (10072608)	671413.20	4341126.74	4.56521 (12022509)
671471.11	4341064.57	4.53048 (12022509)	671601.55	4341050.55	4.39154 (10072608)
671198.64	4341253.53	5.02576 (12022509)	671278.49	4341212.08	4.84840 (12022509)
671230.34	4341132.84	4.91589 (12022509)	671073.08	4341271.82	5.15906 (12022509)
671122.45	4341373.61	5.02727 (12022509)	671118.79	4341397.38	4.95063 (12022509)
670978.40	4341324.15	5.20205 (12022509)	670932.85	4341394.21	5.41553 (12022509)
670935.19	4341367.36	5.30567 (12022509)	671108.01	4340976.17	5.09779 (13122109)
671286.67	4340978.51	4.47600 (11121411)	671675.37	4342488.78	7.11259 (12111009)
671091.40	4342277.23	20.22107 (10121008)	671051.75	4342332.07	19.63207 (10121008)
671051.75	4342369.20	18.77315 (10121008)	670953.04	4342360.76	20.88117 (10121008)
670695.71	4342235.89	36.77473 (13022308)	670545.53	4342318.58	42.67715 (13022308)
670711.74	4342488.16	22.13950 (10121008)	670648.30	4342501.73	22.66261 (10121008)
670648.30	4342630.87	18.19321 (12111008)	670806.29	4342728.41	13.72869 (12111009)
670688.15	4342739.41	14.30090 (12111009)	670804.92	4342427.55	24.00837 (10121008)

670439.48	4342471.51	31.60096 (13022308)	670358.43	4342578.67	33.48977 (10121008)
670546.64	4342662.47	21.22522 (12111008)	670537.03	4342595.15	23.16008 (12111008)
670483.45	4342776.50	16.53895 (12111009)	670508.17	4342754.52	16.01522 (12111008)
670517.79	4342868.54	18.08696 (12111009)	670545.27	4342850.69	17.79194 (12111009)
670582.36	4342878.16	16.84823 (12111009)	670304.85	4342688.57	29.30736 (12111008)
670039.70	4342661.10	55.03379 (13022308)	670156.48	4342673.46	38.41314 (10121008)
670236.16	4342648.73	35.22922 (10121008)	670071.30	4342738.03	38.00936 (10121008)
669990.24	4342753.14	42.90040 (10121008)	669928.42	4342742.15	50.50395 (13022308)
669815.77	4342673.46	78.57410 (13022308)	669742.96	4342655.60	73.62853 (13022308)
669791.04	4342744.90	67.02412 (13022308)	669696.25	4342731.16	73.56719 (13022308)
669536.88	4342552.57	80.72513 (10123008)	671174.86	4342280.21	19.48918 (10121008)
671068.38	4342169.93	18.38044 (10121008)	670965.71	4342179.44	21.58192 (13022308)
670815.50	4342198.45	34.00801 (13022308)	670737.55	4342097.68	42.23573 (13022308)
670762.27	4342069.16	41.04090 (13022308)	670817.40	4342040.64	39.86659 (13022308)
670895.36	4342025.43	38.84142 (13022308)	670979.02	4341915.15	34.82484 (13022308)
671115.92	4341863.81	33.44915 (13022308)	671199.58	4341770.65	30.22403 (13022308)
671222.39	4341377.07	4.92831 (10072608)	671714.84	4341392.28	20.17530 (13022308)
671366.89	4341998.81	13.93469 (10121008)	671226.19	4342236.48	19.43309 (10121008)
669098.44	4343411.59	734.44851 (11012908)	668908.63	4343364.56	901.61496 (09120808)
668851.52	4343359.52	891.13276 (13121208)	668831.37	4343371.27	818.84429 (13121208)
668733.94	4343302.41	1208.24990 (12121508)	668686.91	4343199.95	806.75074 (11121308)
668671.79	4343089.09	547.30388 (09020408)	668806.17	4343001.74	468.07047 (10020808)
668918.71	4343025.26	269.68408 (13112708)	669024.53	4342942.95	219.64969 (12021208)
669288.24	4342916.08	196.75794 (13022308)	669333.59	4342922.80	214.92539 (13022308)
669365.51	4342978.23	226.80387 (13022308)	669336.95	4343151.23	280.81150 (13012708)
669303.36	4343304.09	237.93326 (10112508)	669222.73	4343235.22	333.73196 (10112508)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

SRCGP15 ***

INCLUDING SOURCE(S): PAREA3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)

669135.39	4343305.77	760.26142 (11010908)			
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID			

SRCGP1	1ST HIGHEST VALUE IS	65.24062 AT (	671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
	2ND HIGHEST VALUE IS	25.90810 AT (	670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
	3RD HIGHEST VALUE IS	12.88981 AT (	670895.36, 4342025.43, 820.91, 898.80, 0.00) DC
	4TH HIGHEST VALUE IS	12.66432 AT (	671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
	5TH HIGHEST VALUE IS	12.45630 AT (	670979.02, 4341915.15, 823.46, 900.47, 0.00) DC
	6TH HIGHEST VALUE IS	11.66970 AT (	671025.82, 4342265.68, 860.15, 866.96, 0.00) DC
	7TH HIGHEST VALUE IS	8.83756 AT (	671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
	8TH HIGHEST VALUE IS	8.19121 AT (	670815.50, 4342198.45, 825.35, 891.99, 0.00) DC
	9TH HIGHEST VALUE IS	7.63027 AT (	670817.40, 4342040.64, 818.08, 898.63, 0.00) DC
	10TH HIGHEST VALUE IS	7.48527 AT (	670804.51, 4341935.76, 827.94, 898.49, 0.00) DC

SRCGP2	1ST HIGHEST VALUE IS	22.62057 AT (	671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
	2ND HIGHEST VALUE IS	9.60411 AT (	671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
	3RD HIGHEST VALUE IS	6.36988 AT (	671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
	4TH HIGHEST VALUE IS	4.85250 AT (	671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
	5TH HIGHEST VALUE IS	4.59417 AT (	671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
	6TH HIGHEST VALUE IS	4.58365 AT (	671635.08, 4341706.42, 854.34, 892.11, 0.00) DC
	7TH HIGHEST VALUE IS	4.50928 AT (	671613.74, 4341791.15, 861.35, 892.77, 0.00) DC
	8TH HIGHEST VALUE IS	4.45471 AT (	671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
	9TH HIGHEST VALUE IS	4.44135 AT (	671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
	10TH HIGHEST VALUE IS	4.28445 AT (	671199.58, 4341770.65, 831.15, 900.47, 0.00) DC

SRCGP3	1ST HIGHEST VALUE IS	10.11167 AT (	671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
	2ND HIGHEST VALUE IS	8.52388 AT (	671025.82, 4342430.64, 851.38, 896.72, 0.00) DC
	3RD HIGHEST VALUE IS	8.08381 AT (	669697.96, 4343255.44, 805.69, 861.56, 0.00) DC
	4TH HIGHEST VALUE IS	7.42514 AT (	671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
	5TH HIGHEST VALUE IS	7.24003 AT (	671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
	6TH HIGHEST VALUE IS	6.53839 AT (	670140.58, 4343255.44, 825.59, 867.32, 0.00) DC
	7TH HIGHEST VALUE IS	6.29245 AT (	669919.27, 4343255.44, 819.59, 863.68, 0.00) DC
	8TH HIGHEST VALUE IS	6.15958 AT (	669303.36, 4343304.09, 778.29, 850.55, 0.00) DC
	9TH HIGHEST VALUE IS	6.02266 AT (	671051.75, 4342369.20, 860.59, 891.64, 0.00) DC
	10TH HIGHEST VALUE IS	5.61186 AT (	671025.82, 4342595.60, 854.50, 913.36, 0.00) DC

SRCGP4	1ST HIGHEST VALUE IS	7.75825 AT (	669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
	2ND HIGHEST VALUE IS	7.37942 AT (	669222.73, 4343235.22, 773.04, 850.78, 0.00) DC
	3RD HIGHEST VALUE IS	6.27596 AT (	668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
	4TH HIGHEST VALUE IS	6.26821 AT (	668918.71, 4343025.26, 775.23, 775.23, 0.00) DC
	5TH HIGHEST VALUE IS	5.83025 AT (	668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
	6TH HIGHEST VALUE IS	5.41771 AT (	668686.91, 4343199.95, 766.73, 769.00, 0.00) DC
	7TH HIGHEST VALUE IS	5.36328 AT (	668733.94, 4343302.41, 759.97, 819.41, 0.00) DC
	8TH HIGHEST VALUE IS	4.92907 AT (	669336.95, 4343151.23, 777.30, 861.74, 0.00) DC
	9TH HIGHEST VALUE IS	4.87429 AT (	668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
	10TH HIGHEST VALUE IS	4.60549 AT (	668806.17, 4343001.74, 769.84, 787.98, 0.00) DC

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID			

SRCGP5 1ST HIGHEST VALUE IS 6.93878 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
 2ND HIGHEST VALUE IS 4.61973 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00) DC
 3RD HIGHEST VALUE IS 4.29208 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
 4TH HIGHEST VALUE IS 4.07386 AT (671635.08, 4341706.42, 854.34, 892.11, 0.00) DC
 5TH HIGHEST VALUE IS 3.68763 AT (671613.74, 4341791.15, 861.35, 892.77, 0.00) DC
 6TH HIGHEST VALUE IS 3.43233 AT (671673.48, 4341630.23, 845.73, 909.80, 0.00) DC
 7TH HIGHEST VALUE IS 3.04022 AT (671689.75, 4341605.84, 840.95, 913.26, 0.00) DC
 8TH HIGHEST VALUE IS 2.75428 AT (671693.59, 4341710.08, 852.82, 892.74, 0.00) DC
 9TH HIGHEST VALUE IS 2.70512 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00) DC
 10TH HIGHEST VALUE IS 2.65678 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00) DC

SRCGP6 1ST HIGHEST VALUE IS 10.17360 AT (670361.89, 4342430.64, 813.60, 900.07, 0.00) DC
 2ND HIGHEST VALUE IS 8.62322 AT (670583.20, 4342265.68, 820.57, 889.17, 0.00) DC
 3RD HIGHEST VALUE IS 7.92828 AT (670545.53, 4342318.58, 825.27, 889.17, 0.00) DC
 4TH HIGHEST VALUE IS 7.85839 AT (669697.96, 4342595.60, 799.08, 886.55, 0.00) DC
 5TH HIGHEST VALUE IS 7.72759 AT (670140.58, 4342595.60, 816.43, 889.17, 0.00) DC
 6TH HIGHEST VALUE IS 7.42869 AT (669919.27, 4342595.60, 793.60, 889.17, 0.00) DC
 7TH HIGHEST VALUE IS 7.36639 AT (669476.65, 4342760.56, 782.28, 886.55, 0.00) DC
 8TH HIGHEST VALUE IS 7.11476 AT (670815.50, 4342198.45, 825.35, 891.99, 0.00) DC
 9TH HIGHEST VALUE IS 7.02031 AT (670695.71, 4342235.89, 834.44, 889.17, 0.00) DC
 10TH HIGHEST VALUE IS 6.29223 AT (670039.70, 4342661.10, 814.26, 889.17, 0.00) DC

SRCGP7 1ST HIGHEST VALUE IS 8.27430 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
 2ND HIGHEST VALUE IS 7.92852 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00) DC
 3RD HIGHEST VALUE IS 7.68476 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00) DC
 4TH HIGHEST VALUE IS 7.15154 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
 5TH HIGHEST VALUE IS 5.97758 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00) DC
 6TH HIGHEST VALUE IS 5.96131 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00) DC
 7TH HIGHEST VALUE IS 5.66116 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00) DC
 8TH HIGHEST VALUE IS 5.40541 AT (670979.02, 4341915.15, 823.46, 900.47, 0.00) DC
 9TH HIGHEST VALUE IS 5.34255 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00) DC
 10TH HIGHEST VALUE IS 5.30984 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00) DC

SRCGP8 1ST HIGHEST VALUE IS 117.80026 AT (669098.44, 4343411.59, 760.06, 826.15, 0.00) DC
 2ND HIGHEST VALUE IS 101.37076 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00) DC
 3RD HIGHEST VALUE IS 46.32002 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00) DC
 4TH HIGHEST VALUE IS 23.20107 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00) DC
 5TH HIGHEST VALUE IS 13.14767 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00) DC
 6TH HIGHEST VALUE IS 11.24168 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00) DC
 7TH HIGHEST VALUE IS 9.64715 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00) DC
 8TH HIGHEST VALUE IS 8.24380 AT (669255.34, 4343420.40, 764.67, 853.55, 0.00) DC
 9TH HIGHEST VALUE IS 7.35862 AT (669034.03, 4343585.36, 785.47, 819.81, 0.00) DC
 10TH HIGHEST VALUE IS 6.34447 AT (668812.72, 4343585.36, 776.62, 819.81, 0.00) DC

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

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*** AERMET - VERSION 14134 *** ***

*** 17:19:20

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	NETWORK	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE
GRID-ID			

SRCGP9	1ST HIGHEST VALUE IS	1.76454 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00)	DC
	2ND HIGHEST VALUE IS	1.54516 AT (671051.75, 4342332.07, 862.96, 887.54, 0.00)	DC
	3RD HIGHEST VALUE IS	1.39590 AT (671051.75, 4342369.20, 860.59, 891.64, 0.00)	DC
	4TH HIGHEST VALUE IS	1.37287 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00)	DC
	5TH HIGHEST VALUE IS	1.34609 AT (671025.82, 4342265.68, 860.15, 866.96, 0.00)	DC
	6TH HIGHEST VALUE IS	1.15549 AT (671025.82, 4342430.64, 851.38, 896.72, 0.00)	DC
	7TH HIGHEST VALUE IS	0.96583 AT (670953.04, 4342360.76, 860.91, 867.60, 0.00)	DC
	8TH HIGHEST VALUE IS	0.92024 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00)	DC
	9TH HIGHEST VALUE IS	0.87840 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00)	DC
	10TH HIGHEST VALUE IS	0.82780 AT (670583.20, 4341770.80, 875.04, 875.04, 0.00)	DC

SRCGP10	1ST HIGHEST VALUE IS	2.60724 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00)	DC
	2ND HIGHEST VALUE IS	2.31463 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00)	DC
	3RD HIGHEST VALUE IS	2.21327 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00)	DC
	4TH HIGHEST VALUE IS	2.00289 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00)	DC
	5TH HIGHEST VALUE IS	1.83234 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00)	DC
	6TH HIGHEST VALUE IS	1.68918 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00)	DC
	7TH HIGHEST VALUE IS	1.56488 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00)	DC
	8TH HIGHEST VALUE IS	1.48875 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00)	DC
	9TH HIGHEST VALUE IS	1.37438 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00)	DC
	10TH HIGHEST VALUE IS	1.20654 AT (671051.75, 4342332.07, 862.96, 887.54, 0.00)	DC

SRCGP11	1ST HIGHEST VALUE IS	15.76404 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00)	DC
	2ND HIGHEST VALUE IS	14.80699 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00)	DC
	3RD HIGHEST VALUE IS	14.14587 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00)	DC
	4TH HIGHEST VALUE IS	10.14939 AT (671025.82, 4341770.80, 852.14, 896.59, 0.00)	DC
	5TH HIGHEST VALUE IS	8.10197 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00)	DC
	6TH HIGHEST VALUE IS	6.30531 AT (670979.02, 4341915.15, 823.46, 900.47, 0.00)	DC
	7TH HIGHEST VALUE IS	5.05358 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00)	DC
	8TH HIGHEST VALUE IS	4.29449 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00)	DC
	9TH HIGHEST VALUE IS	4.17621 AT (670895.36, 4342025.43, 820.91, 898.80, 0.00)	DC
	10TH HIGHEST VALUE IS	4.06897 AT (671174.86, 4342280.21, 855.66, 897.36, 0.00)	DC

SRCGP12	1ST HIGHEST VALUE IS	16.58410 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00)	DC
	2ND HIGHEST VALUE IS	10.34569 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00)	DC
	3RD HIGHEST VALUE IS	7.82524 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00)	DC
	4TH HIGHEST VALUE IS	6.15486 AT (671115.92, 4341863.81, 829.08, 900.47, 0.00)	DC
	5TH HIGHEST VALUE IS	5.80584 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00)	DC
	6TH HIGHEST VALUE IS	5.52849 AT (671226.19, 4342236.48, 855.31, 897.82, 0.00)	DC
	7TH HIGHEST VALUE IS	4.91190 AT (670965.71, 4342179.44, 842.70, 891.48, 0.00)	DC
	8TH HIGHEST VALUE IS	4.59628 AT (671247.13, 4342265.68, 857.92, 898.09, 0.00)	DC
	9TH HIGHEST VALUE IS	4.37351 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00)	DC
	10TH HIGHEST VALUE IS	4.11363 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00)	DC

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD (43872 HRS) RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

GROUP ID GRID-ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE

SRCGP13	1ST HIGHEST VALUE IS 6.51560 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00)	DC
	2ND HIGHEST VALUE IS 6.37675 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00)	DC
	3RD HIGHEST VALUE IS 6.32980 AT (671025.82, 4342430.64, 851.38, 896.72, 0.00)	DC
	4TH HIGHEST VALUE IS 5.99428 AT (668591.41, 4343420.40, 752.89, 819.81, 0.00)	DC
	5TH HIGHEST VALUE IS 5.80000 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00)	DC
	6TH HIGHEST VALUE IS 5.70846 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00)	DC
	7TH HIGHEST VALUE IS 5.43933 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00)	DC
	8TH HIGHEST VALUE IS 5.33086 AT (671068.38, 4342169.93, 846.33, 891.79, 0.00)	DC
	9TH HIGHEST VALUE IS 5.26418 AT (671091.40, 4342277.23, 858.83, 891.46, 0.00)	DC
	10TH HIGHEST VALUE IS 5.17848 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00)	DC

SRCGP14	1ST HIGHEST VALUE IS 7.15367 AT (671199.58, 4341770.65, 831.15, 900.47, 0.00)	DC
	2ND HIGHEST VALUE IS 5.27342 AT (671366.89, 4341998.81, 854.07, 892.77, 0.00)	DC
	3RD HIGHEST VALUE IS 5.27079 AT (671468.44, 4341935.76, 866.56, 892.77, 0.00)	DC
	4TH HIGHEST VALUE IS 4.54819 AT (671635.08, 4341706.42, 854.34, 892.11, 0.00)	DC
	5TH HIGHEST VALUE IS 3.94739 AT (671613.74, 4341791.15, 861.35, 892.77, 0.00)	DC
	6TH HIGHEST VALUE IS 3.67756 AT (671673.48, 4341630.23, 845.73, 909.80, 0.00)	DC
	7TH HIGHEST VALUE IS 3.17078 AT (671689.75, 4341605.84, 840.95, 913.26, 0.00)	DC
	8TH HIGHEST VALUE IS 3.06621 AT (671693.59, 4341710.08, 852.82, 892.74, 0.00)	DC
	9TH HIGHEST VALUE IS 2.96779 AT (671513.75, 4341991.52, 876.27, 892.77, 0.00)	DC
	10TH HIGHEST VALUE IS 2.86361 AT (671541.78, 4341964.66, 874.92, 892.77, 0.00)	DC

SRCGP15	1ST HIGHEST VALUE IS 14.69041 AT (669135.39, 4343305.77, 763.44, 850.65, 0.00)	DC
	2ND HIGHEST VALUE IS 14.05551 AT (669222.73, 4343235.22, 773.04, 850.78, 0.00)	DC
	3RD HIGHEST VALUE IS 11.02958 AT (668733.94, 4343302.41, 759.97, 819.41, 0.00)	DC
	4TH HIGHEST VALUE IS 10.37004 AT (668908.63, 4343364.56, 758.24, 821.00, 0.00)	DC
	5TH HIGHEST VALUE IS 9.66211 AT (668851.52, 4343359.52, 757.17, 819.92, 0.00)	DC
	6TH HIGHEST VALUE IS 8.02328 AT (668831.37, 4343371.27, 756.65, 821.00, 0.00)	DC
	7TH HIGHEST VALUE IS 7.47454 AT (668686.91, 4343199.95, 766.73, 769.00, 0.00)	DC
	8TH HIGHEST VALUE IS 6.91293 AT (669034.03, 4343420.40, 762.28, 825.53, 0.00)	DC
	9TH HIGHEST VALUE IS 6.66719 AT (669098.44, 4343411.59, 760.06, 826.15, 0.00)	DC
	10TH HIGHEST VALUE IS 5.21609 AT (668812.72, 4343420.40, 762.17, 819.81, 0.00)	DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF VARIOUS IN MICROGRAMS/M**3 **

GROUP ID		DATE		NETWORK	
ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	(YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL,

SRCGP1	HIGH	1ST HIGH VALUE IS	1746.50973	ON 09120805: AT (	671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
SRCGP2	HIGH	1ST HIGH VALUE IS	349.91080	ON 12111121: AT (	671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
SRCGP3	HIGH	1ST HIGH VALUE IS	75.93293	ON 12013019: AT (	670140.58, 4343255.44, 825.59, 867.32, 0.00) DC
SRCGP4	HIGH	1ST HIGH VALUE IS	519.99565	ON 10020808: AT (	668671.79, 4343089.09, 771.48, 787.87, 0.00) DC
SRCGP5	HIGH	1ST HIGH VALUE IS	231.86991	ON 12121508: AT (	671199.58, 4341770.65, 831.15, 900.47, 0.00) DC
SRCGP6	HIGH	1ST HIGH VALUE IS	293.92943	ON 12121508: AT (	670361.89, 4342430.64, 813.60, 900.07, 0.00) DC
SRCGP7	HIGH	1ST HIGH VALUE IS	281.23299	ON 13031621: AT (	671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
SRCGP8	HIGH	1ST HIGH VALUE IS	903.80233	ON 11121724: AT (	669034.03, 4343420.40, 762.28, 825.53, 0.00) DC
SRCGP9	HIGH	1ST HIGH VALUE IS	120.79506	ON 13042705: AT (	671464.71, 4342094.27, 883.59, 887.06, 0.00) DC
SRCGP10	HIGH	1ST HIGH VALUE IS	81.26490	ON 13050904: AT (	671498.58, 4342030.05, 879.16, 892.77, 0.00) DC
SRCGP11	HIGH	1ST HIGH VALUE IS	540.44394	ON 13082820: AT (	671366.89, 4341998.81, 854.07, 892.77, 0.00) DC
SRCGP12	HIGH	1ST HIGH VALUE IS	453.97089	ON 13020619: AT (	671068.38, 4342169.93, 846.33, 891.79, 0.00) DC
SRCGP13	HIGH	1ST HIGH VALUE IS	66.86902	ON 12071720: AT (	668812.72, 4343420.40, 762.17, 819.81, 0.00) DC
SRCGP14	HIGH	1ST HIGH VALUE IS	790.08822	ON 12121508: AT (	671199.58, 4341770.65, 831.15, 900.47, 0.00) DC

0.00) DC

SRCGP15 HIGH 1ST HIGH VALUE IS 1208.24990 ON 12121508: AT (668733.94, 4343302.41, 759.97, 819.41, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

GP = GRIDPOLR

DC = DISCCART

DP = DISCPOLR

*** AERMOD - VERSION 19191 *** *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc

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*** AERMET - VERSION 14134 *** ***

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

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

A Total of 0 Fatal Error Message(s)

A Total of 0 Warning Message(s)

A Total of 13479 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 9055 Calm Hours Identified

A Total of 4424 Missing Hours Identified (10.08 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!

Data May Not Be Acceptable for Regulatory Applications.

See Section 5.3.2 of "Meteorological Monitoring Guidance
for Regulatory Modeling Applications" (EPA-454/R-99-005).

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

*** NONE ***

*** AERMOD Finishes Successfully ***

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedCancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedNCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedNCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-UnmitigatedNCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedCancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedCancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedNCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedNCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedNCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-1-MitigatedNCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 0.75
Total Exposure Duration: 5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 1.25
2<9 Years Bin: 3.75
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2CancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2NCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2NCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-2NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 5.75
Total Exposure Duration: 6

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 3.25
2<16 Years Bin: 2.75
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3CancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3NCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3NCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-3NCAcuteRiskSumByRec.csv

HRA ran successfully

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 11.75
Total Exposure Duration: 18

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 4.25
16<30 Years Bin: 13.75
16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

INHALATION

Daily breathing rate: LongTerm24HR

****Worker Adjustment Factors****

Worker adjustment factors enabled: NO

****Fraction at time at home****

3rd Trimester to 16 years: OFF

16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05

Soil mixing depth (m): 0.01

Dermal climate: Mixed

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.

Tier2 - What was changed: ED or start age changed|

Calculating cancer risk

Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4CancerRisk.csv

Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4CancerRiskSumByRec.csv

Calculating chronic risk

Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4NCChronicRisk.csv

Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4NCChronicRiskSumByRec.csv

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4NCAcuteRisk.csv

Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\IMM\RISE HRA\RISE HRA\hra\Run-4NCAcuteRiskSumByRec.csv

HRA ran successfully

Unmitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781	1.76E-07
2	ALL	668370.1	4340781	2.01E-07
3	ALL	668591.4	4340781	2.27E-07
4	ALL	668812.7	4340781	2.53E-07
5	ALL	669034	4340781	2.88E-07
6	ALL	669255.3	4340781	3.32E-07
7	ALL	669476.7	4340781	3.64E-07
8	ALL	669698	4340781	4.05E-07
9	ALL	669919.3	4340781	4.98E-07
10	ALL	670140.6	4340781	4.96E-07
11	ALL	670361.9	4340781	4.42E-07
12	ALL	670583.2	4340781	3.33E-07
13	ALL	670804.5	4340781	2.78E-07
14	ALL	671025.8	4340781	2.24E-07
15	ALL	671247.1	4340781	1.97E-07
16	ALL	671468.4	4340781	2.02E-07
17	ALL	671689.8	4340781	1.97E-07
18	ALL	671911.1	4340781	1.76E-07
19	ALL	672132.4	4340781	1.39E-07
20	ALL	672353.7	4340781	1.55E-07
21	ALL	672575	4340781	1.41E-07
22	ALL	668148.8	4340946	1.69E-07
23	ALL	668370.1	4340946	1.92E-07
24	ALL	668591.4	4340946	2.18E-07
25	ALL	668812.7	4340946	2.48E-07
26	ALL	669034	4340946	2.91E-07
27	ALL	669255.3	4340946	3.38E-07
28	ALL	669476.7	4340946	3.79E-07
29	ALL	669698	4340946	4.60E-07
30	ALL	669919.3	4340946	5.80E-07
31	ALL	670140.6	4340946	6.15E-07
32	ALL	670361.9	4340946	5.86E-07
33	ALL	670583.2	4340946	5.13E-07
34	ALL	670804.5	4340946	3.68E-07
35	ALL	671025.8	4340946	2.82E-07
36	ALL	671247.1	4340946	2.32E-07
37	ALL	671468.4	4340946	2.26E-07
38	ALL	671689.8	4340946	2.59E-07
39	ALL	671911.1	4340946	2.57E-07
40	ALL	672132.4	4340946	1.53E-07
41	ALL	672353.7	4340946	1.44E-07
42	ALL	672575	4340946	1.55E-07
43	ALL	668148.8	4341111	1.65E-07
44	ALL	668370.1	4341111	1.85E-07
45	ALL	668591.4	4341111	2.11E-07
46	ALL	668812.7	4341111	2.42E-07

Unmitigated Cancer Risk

47 ALL	669034	4341111	2.83E-07
48 ALL	669255.3	4341111	3.27E-07
49 ALL	669476.7	4341111	3.90E-07
50 ALL	669698	4341111	4.94E-07
51 ALL	669919.3	4341111	5.61E-07
52 ALL	670140.6	4341111	7.22E-07
53 ALL	670361.9	4341111	7.33E-07
54 ALL	670583.2	4341111	6.17E-07
55 ALL	670804.5	4341111	4.52E-07
56 ALL	671025.8	4341111	3.39E-07
57 ALL	671247.1	4341111	3.25E-07
58 ALL	671468.4	4341111	3.01E-07
59 ALL	671689.8	4341111	3.88E-07
60 ALL	671911.1	4341111	3.49E-07
61 ALL	672132.4	4341111	1.74E-07
62 ALL	672353.7	4341111	1.47E-07
63 ALL	672575	4341111	1.83E-07
64 ALL	668148.8	4341276	1.62E-07
65 ALL	668370.1	4341276	1.81E-07
66 ALL	668591.4	4341276	2.05E-07
67 ALL	668812.7	4341276	2.37E-07
68 ALL	669034	4341276	2.90E-07
69 ALL	669255.3	4341276	3.33E-07
70 ALL	669476.7	4341276	3.88E-07
71 ALL	669698	4341276	4.75E-07
72 ALL	669919.3	4341276	6.56E-07
73 ALL	670140.6	4341276	7.80E-07
74 ALL	670361.9	4341276	8.47E-07
75 ALL	670583.2	4341276	7.38E-07
76 ALL	670804.5	4341276	6.23E-07
77 ALL	671025.8	4341276	4.85E-07
78 ALL	671247.1	4341276	5.35E-07
79 ALL	671468.4	4341276	6.54E-07
80 ALL	671689.8	4341276	6.52E-07
81 ALL	671911.1	4341276	4.80E-07
82 ALL	672132.4	4341276	2.32E-07
83 ALL	672353.7	4341276	1.84E-07
84 ALL	672575	4341276	2.30E-07
85 ALL	668148.8	4341441	1.60E-07
86 ALL	668370.1	4341441	1.78E-07
87 ALL	668591.4	4341441	2.00E-07
88 ALL	668812.7	4341441	2.32E-07
89 ALL	669034	4341441	2.78E-07
90 ALL	669255.3	4341441	3.12E-07
91 ALL	669476.7	4341441	3.76E-07
92 ALL	669698	4341441	4.74E-07
93 ALL	669919.3	4341441	6.21E-07

Unmitigated Cancer Risk

94 ALL	670140.6	4341441	7.70E-07
95 ALL	670361.9	4341441	9.59E-07
96 ALL	670583.2	4341441	9.65E-07
97 ALL	670804.5	4341441	1.02E-06
98 ALL	671025.8	4341441	8.37E-07
99 ALL	671689.8	4341441	1.53E-06
100 ALL	671911.1	4341441	6.34E-07
101 ALL	672132.4	4341441	3.50E-07
102 ALL	672353.7	4341441	2.90E-07
103 ALL	672575	4341441	3.38E-07
104 ALL	668148.8	4341606	1.64E-07
105 ALL	668370.1	4341606	1.79E-07
106 ALL	668591.4	4341606	1.99E-07
107 ALL	668812.7	4341606	2.25E-07
108 ALL	669034	4341606	2.57E-07
109 ALL	669255.3	4341606	2.99E-07
110 ALL	669476.7	4341606	3.61E-07
111 ALL	669698	4341606	4.42E-07
112 ALL	669919.3	4341606	5.26E-07
113 ALL	670140.6	4341606	7.08E-07
114 ALL	670361.9	4341606	9.22E-07
115 ALL	670583.2	4341606	1.24E-06
116 ALL	670804.5	4341606	1.64E-06
117 ALL	671025.8	4341606	1.70E-06
118 ALL	671689.8	4341606	3.06E-06
119 ALL	671911.1	4341606	1.07E-06
120 ALL	672132.4	4341606	5.81E-07
121 ALL	672353.7	4341606	3.98E-07
122 ALL	672575	4341606	4.04E-07
123 ALL	668148.8	4341771	1.64E-07
124 ALL	668370.1	4341771	1.80E-07
125 ALL	668591.4	4341771	1.98E-07
126 ALL	668812.7	4341771	2.21E-07
127 ALL	669034	4341771	2.52E-07
128 ALL	669255.3	4341771	3.01E-07
129 ALL	669476.7	4341771	3.36E-07
130 ALL	669698	4341771	3.59E-07
131 ALL	669919.3	4341771	4.29E-07
132 ALL	670140.6	4341771	5.50E-07
133 ALL	670361.9	4341771	7.05E-07
134 ALL	670583.2	4341771	1.37E-06
135 ALL	670804.5	4341771	2.47E-06
136 ALL	671025.8	4341771	4.07E-06
137 ALL	671689.8	4341771	3.52E-06
138 ALL	671911.1	4341771	1.43E-06
139 ALL	672132.4	4341771	6.49E-07
140 ALL	672353.7	4341771	4.02E-07

Unmitigated Cancer Risk

141 ALL	672575	4341771	4.39E-07
142 ALL	668148.8	4341936	1.65E-07
143 ALL	668370.1	4341936	1.83E-07
144 ALL	668591.4	4341936	2.01E-07
145 ALL	668812.7	4341936	2.24E-07
146 ALL	669034	4341936	2.57E-07
147 ALL	669255.3	4341936	2.85E-07
148 ALL	669476.7	4341936	2.91E-07
149 ALL	669698	4341936	3.16E-07
150 ALL	669919.3	4341936	3.41E-07
151 ALL	670140.6	4341936	4.23E-07
152 ALL	670361.9	4341936	5.97E-07
153 ALL	670583.2	4341936	1.16E-06
154 ALL	670804.5	4341936	3.05E-06
155 ALL	671468.4	4341936	1.09E-05
156 ALL	671689.8	4341936	3.07E-06
157 ALL	671911.1	4341936	1.40E-06
158 ALL	672132.4	4341936	6.76E-07
159 ALL	672353.7	4341936	4.07E-07
160 ALL	672575	4341936	3.94E-07
161 ALL	668148.8	4342101	1.76E-07
162 ALL	668370.1	4342101	1.96E-07
163 ALL	668591.4	4342101	2.11E-07
164 ALL	668812.7	4342101	2.33E-07
165 ALL	669034	4342101	2.72E-07
166 ALL	669255.3	4342101	3.09E-07
167 ALL	669476.7	4342101	3.05E-07
168 ALL	669698	4342101	3.35E-07
169 ALL	669919.3	4342101	3.95E-07
170 ALL	670140.6	4342101	4.63E-07
171 ALL	670361.9	4342101	7.91E-07
172 ALL	670583.2	4342101	1.70E-06
173 ALL	671468.4	4342101	5.40E-06
174 ALL	671689.8	4342101	2.27E-06
175 ALL	671911.1	4342101	1.23E-06
176 ALL	672132.4	4342101	6.86E-07
177 ALL	672353.7	4342101	4.18E-07
178 ALL	672575	4342101	3.79E-07
179 ALL	668148.8	4342266	1.91E-07
180 ALL	668370.1	4342266	2.12E-07
181 ALL	668591.4	4342266	2.27E-07
182 ALL	668812.7	4342266	2.52E-07
183 ALL	669034	4342266	2.83E-07
184 ALL	669255.3	4342266	3.23E-07
185 ALL	669476.7	4342266	3.81E-07
186 ALL	669698	4342266	4.53E-07
187 ALL	669919.3	4342266	5.54E-07

Unmitigated Cancer Risk

188 ALL	670140.6	4342266	6.88E-07
189 ALL	670361.9	4342266	1.12E-06
190 ALL	670583.2	4342266	2.89E-06
191 ALL	670804.5	4342266	3.78E-06
192 ALL	671025.8	4342266	7.28E-06
193 ALL	671247.1	4342266	8.72E-06
194 ALL	671468.4	4342266	3.64E-06
195 ALL	671689.8	4342266	1.77E-06
196 ALL	671911.1	4342266	9.97E-07
197 ALL	672132.4	4342266	6.61E-07
198 ALL	672353.7	4342266	4.51E-07
199 ALL	672575	4342266	4.21E-07
200 ALL	668148.8	4342431	1.96E-07
201 ALL	668370.1	4342431	2.29E-07
202 ALL	668591.4	4342431	2.53E-07
203 ALL	668812.7	4342431	2.88E-07
204 ALL	669034	4342431	3.31E-07
205 ALL	669255.3	4342431	3.88E-07
206 ALL	669476.7	4342431	4.69E-07
207 ALL	669698	4342431	6.16E-07
208 ALL	669919.3	4342431	6.99E-07
209 ALL	670140.6	4342431	1.08E-06
210 ALL	670361.9	4342431	2.70E-06
211 ALL	670583.2	4342431	1.83E-06
212 ALL	670804.5	4342431	2.88E-06
213 ALL	671025.8	4342431	6.48E-06
214 ALL	671247.1	4342431	4.00E-06
215 ALL	671468.4	4342431	2.41E-06
216 ALL	671689.8	4342431	1.31E-06
217 ALL	671911.1	4342431	7.99E-07
218 ALL	672132.4	4342431	5.68E-07
219 ALL	672353.7	4342431	4.85E-07
220 ALL	672575	4342431	4.00E-07
221 ALL	668148.8	4342596	2.16E-07
222 ALL	668370.1	4342596	2.50E-07
223 ALL	668591.4	4342596	2.90E-07
224 ALL	668812.7	4342596	3.35E-07
225 ALL	669034	4342596	3.92E-07
226 ALL	669255.3	4342596	4.79E-07
227 ALL	669476.7	4342596	9.63E-07
228 ALL	669698	4342596	1.86E-06
229 ALL	669919.3	4342596	1.86E-06
230 ALL	670140.6	4342596	2.06E-06
231 ALL	670361.9	4342596	1.51E-06
232 ALL	670583.2	4342596	1.44E-06
233 ALL	670804.5	4342596	2.43E-06
234 ALL	671025.8	4342596	4.08E-06

Unmitigated Cancer Risk

235 ALL	671247.1	4342596	2.74E-06
236 ALL	671468.4	4342596	1.65E-06
237 ALL	671689.8	4342596	9.55E-07
238 ALL	671911.1	4342596	6.06E-07
239 ALL	672132.4	4342596	4.58E-07
240 ALL	672353.7	4342596	4.07E-07
241 ALL	672575	4342596	3.64E-07
242 ALL	668148.8	4342761	2.50E-07
243 ALL	668370.1	4342761	3.02E-07
244 ALL	668591.4	4342761	3.43E-07
245 ALL	668812.7	4342761	4.11E-07
246 ALL	669034	4342761	4.55E-07
247 ALL	669255.3	4342761	5.76E-07
248 ALL	669476.7	4342761	1.78E-06
249 ALL	669698	4342761	8.55E-07
250 ALL	669919.3	4342761	1.02E-06
251 ALL	670140.6	4342761	1.03E-06
252 ALL	670361.9	4342761	1.23E-06
253 ALL	670583.2	4342761	1.40E-06
254 ALL	670804.5	4342761	2.83E-06
255 ALL	671025.8	4342761	2.22E-06
256 ALL	671247.1	4342761	1.73E-06
257 ALL	671468.4	4342761	1.25E-06
258 ALL	671689.8	4342761	8.00E-07
259 ALL	671911.1	4342761	4.94E-07
260 ALL	672132.4	4342761	3.78E-07
261 ALL	672353.7	4342761	3.45E-07
262 ALL	672575	4342761	2.84E-07
263 ALL	668148.8	4342926	2.90E-07
264 ALL	668370.1	4342926	3.51E-07
265 ALL	668591.4	4342926	4.40E-07
266 ALL	668812.7	4342926	5.70E-07
267 ALL	669034	4342926	8.07E-07
268 ALL	669476.7	4342926	1.20E-06
269 ALL	669698	4342926	7.97E-07
270 ALL	669919.3	4342926	8.20E-07
271 ALL	670140.6	4342926	8.94E-07
272 ALL	670361.9	4342926	1.12E-06
273 ALL	670583.2	4342926	2.41E-06
274 ALL	670804.5	4342926	2.10E-06
275 ALL	671025.8	4342926	1.35E-06
276 ALL	671247.1	4342926	1.26E-06
277 ALL	671468.4	4342926	9.34E-07
278 ALL	671689.8	4342926	6.49E-07
279 ALL	671911.1	4342926	4.28E-07
280 ALL	672132.4	4342926	2.96E-07
281 ALL	672353.7	4342926	2.68E-07

Unmitigated Cancer Risk

282 ALL	672575	4342926	2.39E-07
283 ALL	668148.8	4343090	3.14E-07
284 ALL	668370.1	4343090	4.24E-07
285 ALL	668591.4	4343090	5.60E-07
286 ALL	669476.7	4343090	9.80E-07
287 ALL	669698	4343090	9.16E-07
288 ALL	669919.3	4343090	9.99E-07
289 ALL	670140.6	4343090	1.04E-06
290 ALL	670361.9	4343090	1.92E-06
291 ALL	670583.2	4343090	1.79E-06
292 ALL	670804.5	4343090	1.32E-06
293 ALL	671025.8	4343090	9.99E-07
294 ALL	671247.1	4343090	9.52E-07
295 ALL	671468.4	4343090	7.43E-07
296 ALL	671689.8	4343090	5.34E-07
297 ALL	671911.1	4343090	3.71E-07
298 ALL	672132.4	4343090	2.66E-07
299 ALL	672353.7	4343090	1.95E-07
300 ALL	672575	4343090	1.76E-07
301 ALL	668148.8	4343255	4.30E-07
302 ALL	668370.1	4343255	8.47E-07
303 ALL	668591.4	4343255	7.76E-07
304 ALL	669476.7	4343255	1.22E-06
305 ALL	669698	4343255	2.59E-06
306 ALL	669919.3	4343255	2.42E-06
307 ALL	670140.6	4343255	2.55E-06
308 ALL	670361.9	4343255	1.68E-06
309 ALL	670583.2	4343255	1.13E-06
310 ALL	670804.5	4343255	1.01E-06
311 ALL	671025.8	4343255	7.87E-07
312 ALL	671247.1	4343255	7.35E-07
313 ALL	671468.4	4343255	6.15E-07
314 ALL	671689.8	4343255	4.50E-07
315 ALL	671911.1	4343255	3.22E-07
316 ALL	672132.4	4343255	2.38E-07
317 ALL	672353.7	4343255	1.81E-07
318 ALL	672575	4343255	1.38E-07
319 ALL	668148.8	4343420	3.35E-07
320 ALL	668370.1	4343420	8.89E-07
321 ALL	668591.4	4343420	2.00E-06
322 ALL	668812.7	4343420	2.32E-06
323 ALL	669034	4343420	2.32E-06
324 ALL	669255.3	4343420	1.49E-06
325 ALL	669476.7	4343420	1.81E-06
326 ALL	669698	4343420	1.14E-06
327 ALL	669919.3	4343420	1.20E-06
328 ALL	670140.6	4343420	1.04E-06

Unmitigated Cancer Risk

329 ALL	670361.9	4343420	9.23E-07
330 ALL	670583.2	4343420	8.34E-07
331 ALL	670804.5	4343420	7.93E-07
332 ALL	671025.8	4343420	7.07E-07
333 ALL	671247.1	4343420	6.34E-07
334 ALL	671468.4	4343420	5.02E-07
335 ALL	671689.8	4343420	3.89E-07
336 ALL	671911.1	4343420	2.85E-07
337 ALL	672132.4	4343420	2.11E-07
338 ALL	672353.7	4343420	1.61E-07
339 ALL	672575	4343420	1.26E-07
340 ALL	668148.8	4343585	2.53E-07
341 ALL	668370.1	4343585	3.98E-07
342 ALL	668591.4	4343585	6.61E-07
343 ALL	668812.7	4343585	8.24E-07
344 ALL	669034	4343585	9.07E-07
345 ALL	669255.3	4343585	8.03E-07
346 ALL	669476.7	4343585	7.87E-07
347 ALL	669698	4343585	7.48E-07
348 ALL	669919.3	4343585	7.31E-07
349 ALL	670140.6	4343585	7.12E-07
350 ALL	670361.9	4343585	6.84E-07
351 ALL	670583.2	4343585	6.66E-07
352 ALL	670804.5	4343585	6.59E-07
353 ALL	671025.8	4343585	6.33E-07
354 ALL	671247.1	4343585	5.29E-07
355 ALL	671468.4	4343585	4.42E-07
356 ALL	671689.8	4343585	3.57E-07
357 ALL	671911.1	4343585	2.63E-07
358 ALL	672132.4	4343585	1.99E-07
359 ALL	672353.7	4343585	1.50E-07
360 ALL	672575	4343585	1.19E-07
361 ALL	668148.8	4343750	2.51E-07
362 ALL	668370.1	4343750	3.13E-07
363 ALL	668591.4	4343750	4.36E-07
364 ALL	668812.7	4343750	5.60E-07
365 ALL	669034	4343750	5.68E-07
366 ALL	669255.3	4343750	5.64E-07
367 ALL	669476.7	4343750	5.57E-07
368 ALL	669698	4343750	5.60E-07
369 ALL	669919.3	4343750	5.62E-07
370 ALL	670140.6	4343750	5.58E-07
371 ALL	670361.9	4343750	5.56E-07
372 ALL	670583.2	4343750	5.49E-07
373 ALL	670804.5	4343750	5.47E-07
374 ALL	671025.8	4343750	5.37E-07
375 ALL	671247.1	4343750	4.91E-07

Unmitigated Cancer Risk

376 ALL	671468.4	4343750	4.37E-07
377 ALL	671689.8	4343750	3.72E-07
378 ALL	671911.1	4343750	2.76E-07
379 ALL	672132.4	4343750	2.00E-07
380 ALL	672353.7	4343750	1.45E-07
381 ALL	672575	4343750	1.16E-07
382 ALL	668148.8	4343915	2.44E-07
383 ALL	668370.1	4343915	2.90E-07
384 ALL	668591.4	4343915	3.52E-07
385 ALL	668812.7	4343915	4.27E-07
386 ALL	669034	4343915	4.53E-07
387 ALL	669255.3	4343915	4.54E-07
388 ALL	669476.7	4343915	4.49E-07
389 ALL	669698	4343915	4.51E-07
390 ALL	669919.3	4343915	4.60E-07
391 ALL	670140.6	4343915	4.61E-07
392 ALL	670361.9	4343915	4.64E-07
393 ALL	670583.2	4343915	4.67E-07
394 ALL	670804.5	4343915	4.68E-07
395 ALL	671025.8	4343915	4.59E-07
396 ALL	671247.1	4343915	4.34E-07
397 ALL	671468.4	4343915	3.75E-07
398 ALL	671689.8	4343915	3.11E-07
399 ALL	671911.1	4343915	2.45E-07
400 ALL	672132.4	4343915	1.98E-07
401 ALL	672353.7	4343915	1.54E-07
402 ALL	672575	4343915	1.20E-07
403 ALL	668148.8	4344080	2.24E-07
404 ALL	668370.1	4344080	2.69E-07
405 ALL	668591.4	4344080	3.14E-07
406 ALL	668812.7	4344080	3.57E-07
407 ALL	669034	4344080	3.82E-07
408 ALL	669255.3	4344080	3.86E-07
409 ALL	669476.7	4344080	3.82E-07
410 ALL	669698	4344080	3.83E-07
411 ALL	669919.3	4344080	3.88E-07
412 ALL	670140.6	4344080	3.95E-07
413 ALL	670361.9	4344080	3.97E-07
414 ALL	670583.2	4344080	4.03E-07
415 ALL	670804.5	4344080	4.05E-07
416 ALL	671025.8	4344080	3.79E-07
417 ALL	671247.1	4344080	3.76E-07
418 ALL	671468.4	4344080	3.42E-07
419 ALL	671689.8	4344080	2.64E-07
420 ALL	671911.1	4344080	2.04E-07
421 ALL	672132.4	4344080	1.61E-07
422 ALL	672353.7	4344080	1.33E-07

Unmitigated Cancer Risk

423 ALL	672575	4344080	1.06E-07
424 ALL	671464.7	4342094	5.67E-06
425 ALL	671482.2	4342064	5.83E-06
426 ALL	671498.6	4342030	5.99E-06
427 ALL	671513.8	4341992	6.32E-06
428 ALL	671541.8	4341965	5.90E-06
429 ALL	671575.6	4341974	4.65E-06
430 ALL	671460.8	4342163	4.63E-06
431 ALL	671451	4342187	4.53E-06
432 ALL	671510.7	4342220	3.37E-06
433 ALL	671524.1	4342193	3.36E-06
434 ALL	671522.9	4342251	3.06E-06
435 ALL	671599.1	4342253	2.36E-06
436 ALL	671627.8	4342257	2.15E-06
437 ALL	671583.9	4342116	2.98E-06
438 ALL	671595.5	4342072	3.12E-06
439 ALL	671663.1	4342056	2.62E-06
440 ALL	671600.9	4342030	3.47E-06
441 ALL	671526.6	4342156	3.51E-06
442 ALL	671629	4342292	2.03E-06
443 ALL	671641.8	4341981	3.35E-06
444 ALL	671666.8	4342019	2.81E-06
445 ALL	671407.1	4342220	5.10E-06
446 ALL	671415.6	4342183	5.48E-06
447 ALL	671635.1	4341706	5.13E-06
448 ALL	671693.6	4341710	3.42E-06
449 ALL	671719.8	4341736	3.07E-06
450 ALL	671673.5	4341630	3.51E-06
451 ALL	671888	4341936	1.52E-06
452 ALL	671977.6	4341952	1.11E-06
453 ALL	672039.2	4341895	8.99E-07
454 ALL	671858.2	4341754	1.79E-06
455 ALL	671922.8	4341634	1.11E-06
456 ALL	671613.7	4341791	5.75E-06
457 ALL	671853.3	4341731	1.77E-06
458 ALL	671783.8	4341586	1.81E-06
459 ALL	671783.2	4341547	1.62E-06
460 ALL	671769.2	4341461	1.29E-06
461 ALL	671800.9	4341421	9.99E-07
462 ALL	671880.1	4341427	6.89E-07
463 ALL	672012.4	4341505	5.25E-07
464 ALL	672084.3	4341548	5.45E-07
465 ALL	671915.5	4341478	6.95E-07
466 ALL	671903.3	4341564	9.70E-07
467 ALL	671863.1	4341522	9.88E-07
468 ALL	671830.1	4341336	7.25E-07
469 ALL	671835.6	4341288	6.47E-07

Unmitigated Cancer Risk

470 ALL	671825.9	4341275	6.43E-07
471 ALL	672136.7	4341371	2.80E-07
472 ALL	671920.3	4341307	4.63E-07
473 ALL	671695.4	4341257	6.03E-07
474 ALL	671682	4341176	4.39E-07
475 ALL	671991.7	4341196	3.59E-07
476 ALL	672022.1	4341232	3.27E-07
477 ALL	671992.3	4341178	3.28E-07
478 ALL	671540.6	4341238	4.38E-07
479 ALL	671575.3	4341178	3.47E-07
480 ALL	671454.7	4341196	4.03E-07
481 ALL	671523.5	4341116	3.00E-07
482 ALL	671413.2	4341127	3.40E-07
483 ALL	671471.1	4341065	2.75E-07
484 ALL	671601.6	4341051	3.05E-07
485 ALL	671198.6	4341254	4.56E-07
486 ALL	671278.5	4341212	4.31E-07
487 ALL	671230.3	4341133	3.31E-07
488 ALL	671073.1	4341272	4.66E-07
489 ALL	671122.5	4341374	6.93E-07
490 ALL	671118.8	4341397	7.63E-07
491 ALL	670978.4	4341324	5.88E-07
492 ALL	670932.9	4341394	7.76E-07
493 ALL	670935.2	4341367	7.15E-07
494 ALL	671108	4340976	2.61E-07
495 ALL	671286.7	4340979	2.43E-07
496 ALL	671675.4	4342489	1.21E-06
497 ALL	671091.4	4342277	9.49E-06
498 ALL	671051.8	4342332	6.63E-06
499 ALL	671051.8	4342369	6.55E-06
500 ALL	670953	4342361	4.49E-06
501 ALL	670695.7	4342236	3.18E-06
502 ALL	670545.5	4342319	2.68E-06
503 ALL	670711.7	4342488	2.02E-06
504 ALL	670648.3	4342502	1.70E-06
505 ALL	670648.3	4342631	1.43E-06
506 ALL	670806.3	4342728	2.50E-06
507 ALL	670688.2	4342739	1.42E-06
508 ALL	670804.9	4342428	2.89E-06
509 ALL	670439.5	4342472	2.15E-06
510 ALL	670358.4	4342579	1.58E-06
511 ALL	670546.6	4342662	1.43E-06
512 ALL	670537	4342595	1.41E-06
513 ALL	670483.5	4342777	1.32E-06
514 ALL	670508.2	4342755	1.36E-06
515 ALL	670517.8	4342869	1.40E-06
516 ALL	670545.3	4342851	1.38E-06

Unmitigated Cancer Risk

517 ALL	670582.4	4342878	1.56E-06
518 ALL	670304.9	4342689	1.24E-06
519 ALL	670039.7	4342661	1.75E-06
520 ALL	670156.5	4342673	1.30E-06
521 ALL	670236.2	4342649	1.34E-06
522 ALL	670071.3	4342738	1.13E-06
523 ALL	669990.2	4342753	1.09E-06
524 ALL	669928.4	4342742	1.09E-06
525 ALL	669815.8	4342673	1.19E-06
526 ALL	669743	4342656	1.17E-06
527 ALL	669791	4342745	9.21E-07
528 ALL	669696.3	4342731	8.97E-07
529 ALL	669536.9	4342553	9.80E-07
530 ALL	671174.9	4342280	9.99E-06
531 ALL	671068.4	4342170	1.72E-05
532 ALL	670965.7	4342179	1.13E-05
533 ALL	670815.5	4342198	4.21E-06
534 ALL	670737.6	4342098	2.57E-06
535 ALL	670762.3	4342069	2.62E-06
536 ALL	670817.4	4342041	3.13E-06
537 ALL	670895.4	4342025	4.47E-06
538 ALL	670979	4341915	5.45E-06
539 ALL	671115.9	4341864	9.89E-06
540 ALL	671199.6	4341771	1.46E-05
541 ALL	671222.4	4341377	8.65E-07
542 ALL	671714.8	4341392	1.12E-06
543 ALL	671366.9	4341999	2.29E-05
544 ALL	671226.2	4342236	1.05E-05
545 ALL	669098.4	4343412	2.12E-06
546 ALL	668908.6	4343365	2.88E-06
547 ALL	668851.5	4343360	2.62E-06
548 ALL	668831.4	4343371	2.70E-06
549 ALL	668733.9	4343302	1.65E-06
550 ALL	668686.9	4343200	1.26E-06
551 ALL	668671.8	4343089	9.97E-07
552 ALL	668806.2	4343002	9.93E-07
553 ALL	668918.7	4343025	1.25E-06
554 ALL	669024.5	4342943	1.02E-06
555 ALL	669288.2	4342916	1.21E-06
556 ALL	669333.6	4342923	1.77E-06
557 ALL	669365.5	4342978	1.72E-06
558 ALL	669337	4343151	1.62E-06
559 ALL	669303.4	4343304	2.79E-06
560 ALL	669222.7	4343235	2.86E-06
561 ALL	669135.4	4343306	3.00E-06

Mitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781	1.35E-07
2	ALL	668370.1	4340781	1.54E-07
3	ALL	668591.4	4340781	1.74E-07
4	ALL	668812.7	4340781	1.94E-07
5	ALL	669034	4340781	2.21E-07
6	ALL	669255.3	4340781	2.54E-07
7	ALL	669476.7	4340781	2.76E-07
8	ALL	669698	4340781	3.03E-07
9	ALL	669919.3	4340781	3.37E-07
10	ALL	670140.6	4340781	3.17E-07
11	ALL	670361.9	4340781	2.63E-07
12	ALL	670583.2	4340781	1.94E-07
13	ALL	670804.5	4340781	1.61E-07
14	ALL	671025.8	4340781	1.29E-07
15	ALL	671247.1	4340781	1.05E-07
16	ALL	671468.4	4340781	1.06E-07
17	ALL	671689.8	4340781	9.30E-08
18	ALL	671911.1	4340781	8.26E-08
19	ALL	672132.4	4340781	6.20E-08
20	ALL	672353.7	4340781	6.92E-08
21	ALL	672575	4340781	6.49E-08
22	ALL	668148.8	4340946	1.28E-07
23	ALL	668370.1	4340946	1.45E-07
24	ALL	668591.4	4340946	1.65E-07
25	ALL	668812.7	4340946	1.87E-07
26	ALL	669034	4340946	2.21E-07
27	ALL	669255.3	4340946	2.56E-07
28	ALL	669476.7	4340946	2.84E-07
29	ALL	669698	4340946	3.45E-07
30	ALL	669919.3	4340946	4.03E-07
31	ALL	670140.6	4340946	4.00E-07
32	ALL	670361.9	4340946	3.54E-07
33	ALL	670583.2	4340946	2.86E-07
34	ALL	670804.5	4340946	2.08E-07
35	ALL	671025.8	4340946	1.57E-07
36	ALL	671247.1	4340946	1.19E-07
37	ALL	671468.4	4340946	1.11E-07
38	ALL	671689.8	4340946	1.17E-07
39	ALL	671911.1	4340946	1.12E-07
40	ALL	672132.4	4340946	6.66E-08
41	ALL	672353.7	4340946	6.62E-08
42	ALL	672575	4340946	7.09E-08
43	ALL	668148.8	4341111	1.23E-07
44	ALL	668370.1	4341111	1.38E-07
45	ALL	668591.4	4341111	1.57E-07
46	ALL	668812.7	4341111	1.80E-07

Mitigated Cancer Risk

47 ALL	669034	4341111	2.11E-07
48 ALL	669255.3	4341111	2.43E-07
49 ALL	669476.7	4341111	2.90E-07
50 ALL	669698	4341111	3.64E-07
51 ALL	669919.3	4341111	4.13E-07
52 ALL	670140.6	4341111	4.91E-07
53 ALL	670361.9	4341111	4.71E-07
54 ALL	670583.2	4341111	3.64E-07
55 ALL	670804.5	4341111	2.50E-07
56 ALL	671025.8	4341111	1.79E-07
57 ALL	671247.1	4341111	1.62E-07
58 ALL	671468.4	4341111	1.40E-07
59 ALL	671689.8	4341111	1.66E-07
60 ALL	671911.1	4341111	1.43E-07
61 ALL	672132.4	4341111	7.51E-08
62 ALL	672353.7	4341111	6.51E-08
63 ALL	672575	4341111	8.03E-08
64 ALL	668148.8	4341276	1.20E-07
65 ALL	668370.1	4341276	1.33E-07
66 ALL	668591.4	4341276	1.49E-07
67 ALL	668812.7	4341276	1.73E-07
68 ALL	669034	4341276	2.14E-07
69 ALL	669255.3	4341276	2.44E-07
70 ALL	669476.7	4341276	2.83E-07
71 ALL	669698	4341276	3.48E-07
72 ALL	669919.3	4341276	4.65E-07
73 ALL	670140.6	4341276	5.68E-07
74 ALL	670361.9	4341276	5.87E-07
75 ALL	670583.2	4341276	4.67E-07
76 ALL	670804.5	4341276	3.41E-07
77 ALL	671025.8	4341276	2.44E-07
78 ALL	671247.1	4341276	2.56E-07
79 ALL	671468.4	4341276	2.77E-07
80 ALL	671689.8	4341276	2.60E-07
81 ALL	671911.1	4341276	1.90E-07
82 ALL	672132.4	4341276	9.79E-08
83 ALL	672353.7	4341276	7.53E-08
84 ALL	672575	4341276	9.69E-08
85 ALL	668148.8	4341441	1.18E-07
86 ALL	668370.1	4341441	1.30E-07
87 ALL	668591.4	4341441	1.43E-07
88 ALL	668812.7	4341441	1.66E-07
89 ALL	669034	4341441	2.00E-07
90 ALL	669255.3	4341441	2.21E-07
91 ALL	669476.7	4341441	2.67E-07
92 ALL	669698	4341441	3.40E-07
93 ALL	669919.3	4341441	4.51E-07

Mitigated Cancer Risk

94 ALL	670140.6	4341441	5.78E-07
95 ALL	670361.9	4341441	7.11E-07
96 ALL	670583.2	4341441	6.59E-07
97 ALL	670804.5	4341441	5.81E-07
98 ALL	671025.8	4341441	4.08E-07
99 ALL	671689.8	4341441	5.59E-07
100 ALL	671911.1	4341441	2.48E-07
101 ALL	672132.4	4341441	1.37E-07
102 ALL	672353.7	4341441	1.16E-07
103 ALL	672575	4341441	1.37E-07
104 ALL	668148.8	4341606	1.20E-07
105 ALL	668370.1	4341606	1.28E-07
106 ALL	668591.4	4341606	1.41E-07
107 ALL	668812.7	4341606	1.58E-07
108 ALL	669034	4341606	1.79E-07
109 ALL	669255.3	4341606	2.07E-07
110 ALL	669476.7	4341606	2.50E-07
111 ALL	669698	4341606	3.06E-07
112 ALL	669919.3	4341606	3.85E-07
113 ALL	670140.6	4341606	5.32E-07
114 ALL	670361.9	4341606	7.04E-07
115 ALL	670583.2	4341606	9.16E-07
116 ALL	670804.5	4341606	1.01E-06
117 ALL	671025.8	4341606	8.20E-07
118 ALL	671689.8	4341606	1.00E-06
119 ALL	671911.1	4341606	3.82E-07
120 ALL	672132.4	4341606	2.15E-07
121 ALL	672353.7	4341606	1.52E-07
122 ALL	672575	4341606	1.61E-07
123 ALL	668148.8	4341771	1.22E-07
124 ALL	668370.1	4341771	1.30E-07
125 ALL	668591.4	4341771	1.40E-07
126 ALL	668812.7	4341771	1.54E-07
127 ALL	669034	4341771	1.74E-07
128 ALL	669255.3	4341771	2.08E-07
129 ALL	669476.7	4341771	2.30E-07
130 ALL	669698	4341771	2.52E-07
131 ALL	669919.3	4341771	3.12E-07
132 ALL	670140.6	4341771	4.07E-07
133 ALL	670361.9	4341771	5.29E-07
134 ALL	670583.2	4341771	1.04E-06
135 ALL	670804.5	4341771	1.62E-06
136 ALL	671025.8	4341771	1.94E-06
137 ALL	671689.8	4341771	1.05E-06
138 ALL	671911.1	4341771	4.84E-07
139 ALL	672132.4	4341771	2.34E-07
140 ALL	672353.7	4341771	1.50E-07

Mitigated Cancer Risk

141 ALL	672575	4341771	1.76E-07
142 ALL	668148.8	4341936	1.24E-07
143 ALL	668370.1	4341936	1.35E-07
144 ALL	668591.4	4341936	1.43E-07
145 ALL	668812.7	4341936	1.56E-07
146 ALL	669034	4341936	1.77E-07
147 ALL	669255.3	4341936	1.98E-07
148 ALL	669476.7	4341936	2.05E-07
149 ALL	669698	4341936	2.32E-07
150 ALL	669919.3	4341936	2.51E-07
151 ALL	670140.6	4341936	3.07E-07
152 ALL	670361.9	4341936	4.27E-07
153 ALL	670583.2	4341936	7.82E-07
154 ALL	670804.5	4341936	1.88E-06
155 ALL	671468.4	4341936	2.95E-06
156 ALL	671689.8	4341936	9.56E-07
157 ALL	671911.1	4341936	4.84E-07
158 ALL	672132.4	4341936	2.49E-07
159 ALL	672353.7	4341936	1.56E-07
160 ALL	672575	4341936	1.60E-07
161 ALL	668148.8	4342101	1.35E-07
162 ALL	668370.1	4342101	1.46E-07
163 ALL	668591.4	4342101	1.52E-07
164 ALL	668812.7	4342101	1.64E-07
165 ALL	669034	4342101	1.91E-07
166 ALL	669255.3	4342101	2.14E-07
167 ALL	669476.7	4342101	2.12E-07
168 ALL	669698	4342101	2.36E-07
169 ALL	669919.3	4342101	2.78E-07
170 ALL	670140.6	4342101	3.31E-07
171 ALL	670361.9	4342101	4.94E-07
172 ALL	670583.2	4342101	9.35E-07
173 ALL	671468.4	4342101	1.77E-06
174 ALL	671689.8	4342101	7.84E-07
175 ALL	671911.1	4342101	4.50E-07
176 ALL	672132.4	4342101	2.64E-07
177 ALL	672353.7	4342101	1.67E-07
178 ALL	672575	4342101	1.57E-07
179 ALL	668148.8	4342266	1.50E-07
180 ALL	668370.1	4342266	1.63E-07
181 ALL	668591.4	4342266	1.71E-07
182 ALL	668812.7	4342266	1.83E-07
183 ALL	669034	4342266	1.98E-07
184 ALL	669255.3	4342266	2.19E-07
185 ALL	669476.7	4342266	2.51E-07
186 ALL	669698	4342266	3.02E-07
187 ALL	669919.3	4342266	3.60E-07

Mitigated Cancer Risk

188 ALL	670140.6	4342266	4.40E-07
189 ALL	670361.9	4342266	6.55E-07
190 ALL	670583.2	4342266	1.33E-06
191 ALL	670804.5	4342266	2.07E-06
192 ALL	671025.8	4342266	4.46E-06
193 ALL	671247.1	4342266	4.03E-06
194 ALL	671468.4	4342266	1.33E-06
195 ALL	671689.8	4342266	6.62E-07
196 ALL	671911.1	4342266	3.87E-07
197 ALL	672132.4	4342266	2.65E-07
198 ALL	672353.7	4342266	1.84E-07
199 ALL	672575	4342266	1.79E-07
200 ALL	668148.8	4342431	1.57E-07
201 ALL	668370.1	4342431	1.83E-07
202 ALL	668591.4	4342431	1.99E-07
203 ALL	668812.7	4342431	2.23E-07
204 ALL	669034	4342431	2.47E-07
205 ALL	669255.3	4342431	2.71E-07
206 ALL	669476.7	4342431	2.96E-07
207 ALL	669698	4342431	3.58E-07
208 ALL	669919.3	4342431	4.16E-07
209 ALL	670140.6	4342431	5.76E-07
210 ALL	670361.9	4342431	1.13E-06
211 ALL	670583.2	4342431	1.08E-06
212 ALL	670804.5	4342431	1.83E-06
213 ALL	671025.8	4342431	4.74E-06
214 ALL	671247.1	4342431	1.96E-06
215 ALL	671468.4	4342431	9.62E-07
216 ALL	671689.8	4342431	5.20E-07
217 ALL	671911.1	4342431	3.23E-07
218 ALL	672132.4	4342431	2.36E-07
219 ALL	672353.7	4342431	2.09E-07
220 ALL	672575	4342431	1.76E-07
221 ALL	668148.8	4342596	1.77E-07
222 ALL	668370.1	4342596	2.06E-07
223 ALL	668591.4	4342596	2.38E-07
224 ALL	668812.7	4342596	2.71E-07
225 ALL	669034	4342596	3.05E-07
226 ALL	669255.3	4342596	3.33E-07
227 ALL	669476.7	4342596	4.80E-07
228 ALL	669698	4342596	7.36E-07
229 ALL	669919.3	4342596	7.69E-07
230 ALL	670140.6	4342596	8.93E-07
231 ALL	670361.9	4342596	8.59E-07
232 ALL	670583.2	4342596	9.68E-07
233 ALL	670804.5	4342596	1.68E-06
234 ALL	671025.8	4342596	2.96E-06

Mitigated Cancer Risk

235 ALL	671247.1	4342596	1.42E-06
236 ALL	671468.4	4342596	7.04E-07
237 ALL	671689.8	4342596	3.91E-07
238 ALL	671911.1	4342596	2.53E-07
239 ALL	672132.4	4342596	1.96E-07
240 ALL	672353.7	4342596	1.81E-07
241 ALL	672575	4342596	1.62E-07
242 ALL	668148.8	4342761	2.11E-07
243 ALL	668370.1	4342761	2.58E-07
244 ALL	668591.4	4342761	2.92E-07
245 ALL	668812.7	4342761	3.47E-07
246 ALL	669034	4342761	3.65E-07
247 ALL	669255.3	4342761	3.96E-07
248 ALL	669476.7	4342761	7.49E-07
249 ALL	669698	4342761	4.85E-07
250 ALL	669919.3	4342761	5.78E-07
251 ALL	670140.6	4342761	6.37E-07
252 ALL	670361.9	4342761	8.19E-07
253 ALL	670583.2	4342761	9.89E-07
254 ALL	670804.5	4342761	2.27E-06
255 ALL	671025.8	4342761	1.47E-06
256 ALL	671247.1	4342761	9.00E-07
257 ALL	671468.4	4342761	5.63E-07
258 ALL	671689.8	4342761	3.41E-07
259 ALL	671911.1	4342761	2.10E-07
260 ALL	672132.4	4342761	1.66E-07
261 ALL	672353.7	4342761	1.55E-07
262 ALL	672575	4342761	1.31E-07
263 ALL	668148.8	4342926	2.52E-07
264 ALL	668370.1	4342926	3.08E-07
265 ALL	668591.4	4342926	3.90E-07
266 ALL	668812.7	4342926	5.09E-07
267 ALL	669034	4342926	7.21E-07
268 ALL	669476.7	4342926	6.47E-07
269 ALL	669698	4342926	5.41E-07
270 ALL	669919.3	4342926	5.49E-07
271 ALL	670140.6	4342926	6.11E-07
272 ALL	670361.9	4342926	7.93E-07
273 ALL	670583.2	4342926	2.00E-06
274 ALL	670804.5	4342926	1.64E-06
275 ALL	671025.8	4342926	8.28E-07
276 ALL	671247.1	4342926	6.67E-07
277 ALL	671468.4	4342926	4.34E-07
278 ALL	671689.8	4342926	2.86E-07
279 ALL	671911.1	4342926	1.86E-07
280 ALL	672132.4	4342926	1.30E-07
281 ALL	672353.7	4342926	1.22E-07

Mitigated Cancer Risk

282 ALL	672575	4342926	1.11E-07
283 ALL	668148.8	4343090	2.79E-07
284 ALL	668370.1	4343090	3.84E-07
285 ALL	668591.4	4343090	5.12E-07
286 ALL	669476.7	4343090	7.44E-07
287 ALL	669698	4343090	7.11E-07
288 ALL	669919.3	4343090	7.81E-07
289 ALL	670140.6	4343090	7.83E-07
290 ALL	670361.9	4343090	1.66E-06
291 ALL	670583.2	4343090	1.49E-06
292 ALL	670804.5	4343090	9.36E-07
293 ALL	671025.8	4343090	5.98E-07
294 ALL	671247.1	4343090	5.05E-07
295 ALL	671468.4	4343090	3.55E-07
296 ALL	671689.8	4343090	2.42E-07
297 ALL	671911.1	4343090	1.65E-07
298 ALL	672132.4	4343090	1.19E-07
299 ALL	672353.7	4343090	8.74E-08
300 ALL	672575	4343090	8.12E-08
301 ALL	668148.8	4343255	3.95E-07
302 ALL	668370.1	4343255	8.08E-07
303 ALL	668591.4	4343255	7.30E-07
304 ALL	669476.7	4343255	1.05E-06
305 ALL	669698	4343255	2.43E-06
306 ALL	669919.3	4343255	2.24E-06
307 ALL	670140.6	4343255	2.35E-06
308 ALL	670361.9	4343255	1.46E-06
309 ALL	670583.2	4343255	8.74E-07
310 ALL	670804.5	4343255	6.99E-07
311 ALL	671025.8	4343255	4.65E-07
312 ALL	671247.1	4343255	3.89E-07
313 ALL	671468.4	4343255	3.01E-07
314 ALL	671689.8	4343255	2.08E-07
315 ALL	671911.1	4343255	1.46E-07
316 ALL	672132.4	4343255	1.07E-07
317 ALL	672353.7	4343255	8.21E-08
318 ALL	672575	4343255	6.29E-08
319 ALL	668148.8	4343420	3.01E-07
320 ALL	668370.1	4343420	8.50E-07
321 ALL	668591.4	4343420	1.96E-06
322 ALL	668812.7	4343420	2.26E-06
323 ALL	669034	4343420	2.25E-06
324 ALL	669255.3	4343420	1.39E-06
325 ALL	669476.7	4343420	1.69E-06
326 ALL	669698	4343420	1.00E-06
327 ALL	669919.3	4343420	1.05E-06
328 ALL	670140.6	4343420	8.69E-07

Mitigated Cancer Risk

329 ALL	670361.9	4343420	7.34E-07
330 ALL	670583.2	4343420	6.15E-07
331 ALL	670804.5	4343420	5.33E-07
332 ALL	671025.8	4343420	4.21E-07
333 ALL	671247.1	4343420	3.43E-07
334 ALL	671468.4	4343420	2.49E-07
335 ALL	671689.8	4343420	1.83E-07
336 ALL	671911.1	4343420	1.31E-07
337 ALL	672132.4	4343420	9.64E-08
338 ALL	672353.7	4343420	7.37E-08
339 ALL	672575	4343420	5.81E-08
340 ALL	668148.8	4343585	2.18E-07
341 ALL	668370.1	4343585	3.59E-07
342 ALL	668591.4	4343585	6.17E-07
343 ALL	668812.7	4343585	7.70E-07
344 ALL	669034	4343585	8.38E-07
345 ALL	669255.3	4343585	7.13E-07
346 ALL	669476.7	4343585	6.80E-07
347 ALL	669698	4343585	6.30E-07
348 ALL	669919.3	4343585	6.00E-07
349 ALL	670140.6	4343585	5.66E-07
350 ALL	670361.9	4343585	5.19E-07
351 ALL	670583.2	4343585	4.75E-07
352 ALL	670804.5	4343585	4.37E-07
353 ALL	671025.8	4343585	3.86E-07
354 ALL	671247.1	4343585	2.88E-07
355 ALL	671468.4	4343585	2.24E-07
356 ALL	671689.8	4343585	1.73E-07
357 ALL	671911.1	4343585	1.24E-07
358 ALL	672132.4	4343585	9.22E-08
359 ALL	672353.7	4343585	6.93E-08
360 ALL	672575	4343585	5.51E-08
361 ALL	668148.8	4343750	2.18E-07
362 ALL	668370.1	4343750	2.75E-07
363 ALL	668591.4	4343750	3.92E-07
364 ALL	668812.7	4343750	5.08E-07
365 ALL	669034	4343750	5.01E-07
366 ALL	669255.3	4343750	4.81E-07
367 ALL	669476.7	4343750	4.62E-07
368 ALL	669698	4343750	4.54E-07
369 ALL	669919.3	4343750	4.45E-07
370 ALL	670140.6	4343750	4.27E-07
371 ALL	670361.9	4343750	4.08E-07
372 ALL	670583.2	4343750	3.81E-07
373 ALL	670804.5	4343750	3.56E-07
374 ALL	671025.8	4343750	3.28E-07
375 ALL	671247.1	4343750	2.76E-07

Mitigated Cancer Risk

376 ALL	671468.4	4343750	2.35E-07
377 ALL	671689.8	4343750	1.93E-07
378 ALL	671911.1	4343750	1.37E-07
379 ALL	672132.4	4343750	9.50E-08
380 ALL	672353.7	4343750	6.80E-08
381 ALL	672575	4343750	5.42E-08
382 ALL	668148.8	4343915	2.12E-07
383 ALL	668370.1	4343915	2.52E-07
384 ALL	668591.4	4343915	3.08E-07
385 ALL	668812.7	4343915	3.74E-07
386 ALL	669034	4343915	3.90E-07
387 ALL	669255.3	4343915	3.78E-07
388 ALL	669476.7	4343915	3.63E-07
389 ALL	669698	4343915	3.55E-07
390 ALL	669919.3	4343915	3.54E-07
391 ALL	670140.6	4343915	3.43E-07
392 ALL	670361.9	4343915	3.32E-07
393 ALL	670583.2	4343915	3.17E-07
394 ALL	670804.5	4343915	3.00E-07
395 ALL	671025.8	4343915	2.79E-07
396 ALL	671247.1	4343915	2.50E-07
397 ALL	671468.4	4343915	2.03E-07
398 ALL	671689.8	4343915	1.58E-07
399 ALL	671911.1	4343915	1.22E-07
400 ALL	672132.4	4343915	9.75E-08
401 ALL	672353.7	4343915	7.41E-08
402 ALL	672575	4343915	5.72E-08
403 ALL	668148.8	4344080	1.92E-07
404 ALL	668370.1	4344080	2.32E-07
405 ALL	668591.4	4344080	2.71E-07
406 ALL	668812.7	4344080	3.07E-07
407 ALL	669034	4344080	3.22E-07
408 ALL	669255.3	4344080	3.16E-07
409 ALL	669476.7	4344080	3.04E-07
410 ALL	669698	4344080	2.96E-07
411 ALL	669919.3	4344080	2.91E-07
412 ALL	670140.6	4344080	2.87E-07
413 ALL	670361.9	4344080	2.78E-07
414 ALL	670583.2	4344080	2.69E-07
415 ALL	670804.5	4344080	2.57E-07
416 ALL	671025.8	4344080	2.22E-07
417 ALL	671247.1	4344080	2.16E-07
418 ALL	671468.4	4344080	1.88E-07
419 ALL	671689.8	4344080	1.35E-07
420 ALL	671911.1	4344080	1.01E-07
421 ALL	672132.4	4344080	7.77E-08
422 ALL	672353.7	4344080	6.35E-08

Mitigated Cancer Risk

423 ALL	672575	4344080	5.06E-08
424 ALL	671464.7	4342094	1.85E-06
425 ALL	671482.2	4342064	1.85E-06
426 ALL	671498.6	4342030	1.85E-06
427 ALL	671513.8	4341992	1.89E-06
428 ALL	671541.8	4341965	1.73E-06
429 ALL	671575.6	4341974	1.41E-06
430 ALL	671460.8	4342163	1.60E-06
431 ALL	671451	4342187	1.58E-06
432 ALL	671510.7	4342220	1.20E-06
433 ALL	671524.1	4342193	1.18E-06
434 ALL	671522.9	4342251	1.11E-06
435 ALL	671599.1	4342253	8.62E-07
436 ALL	671627.8	4342257	7.90E-07
437 ALL	671583.9	4342116	1.02E-06
438 ALL	671595.5	4342072	1.04E-06
439 ALL	671663.1	4342056	8.80E-07
440 ALL	671600.9	4342030	1.12E-06
441 ALL	671526.6	4342156	1.21E-06
442 ALL	671629	4342292	7.55E-07
443 ALL	671641.8	4341981	1.05E-06
444 ALL	671666.8	4342019	9.18E-07
445 ALL	671407.1	4342220	1.84E-06
446 ALL	671415.6	4342183	1.92E-06
447 ALL	671635.1	4341706	1.48E-06
448 ALL	671693.6	4341710	1.04E-06
449 ALL	671719.8	4341736	9.47E-07
450 ALL	671673.5	4341630	1.11E-06
451 ALL	671888	4341936	5.23E-07
452 ALL	671977.6	4341952	3.94E-07
453 ALL	672039.2	4341895	3.20E-07
454 ALL	671858.2	4341754	5.92E-07
455 ALL	671922.8	4341634	3.90E-07
456 ALL	671613.7	4341791	1.60E-06
457 ALL	671853.3	4341731	5.87E-07
458 ALL	671783.8	4341586	6.20E-07
459 ALL	671783.2	4341547	5.64E-07
460 ALL	671769.2	4341461	4.69E-07
461 ALL	671800.9	4341421	3.69E-07
462 ALL	671880.1	4341427	2.68E-07
463 ALL	672012.4	4341505	2.01E-07
464 ALL	672084.3	4341548	2.06E-07
465 ALL	671915.5	4341478	2.67E-07
466 ALL	671903.3	4341564	3.53E-07
467 ALL	671863.1	4341522	3.66E-07
468 ALL	671830.1	4341336	2.77E-07
469 ALL	671835.6	4341288	2.50E-07

Mitigated Cancer Risk

470 ALL	671825.9	4341275	2.48E-07
471 ALL	672136.7	4341371	1.13E-07
472 ALL	671920.3	4341307	1.86E-07
473 ALL	671695.4	4341257	2.43E-07
474 ALL	671682	4341176	1.86E-07
475 ALL	671991.7	4341196	1.47E-07
476 ALL	672022.1	4341232	1.37E-07
477 ALL	671992.3	4341178	1.35E-07
478 ALL	671540.6	4341238	1.90E-07
479 ALL	671575.3	4341178	1.52E-07
480 ALL	671454.7	4341196	1.84E-07
481 ALL	671523.5	4341116	1.36E-07
482 ALL	671413.2	4341127	1.63E-07
483 ALL	671471.1	4341065	1.29E-07
484 ALL	671601.6	4341051	1.37E-07
485 ALL	671198.6	4341254	2.22E-07
486 ALL	671278.5	4341212	2.11E-07
487 ALL	671230.3	4341133	1.65E-07
488 ALL	671073.1	4341272	2.32E-07
489 ALL	671122.5	4341374	3.34E-07
490 ALL	671118.8	4341397	3.65E-07
491 ALL	670978.4	4341324	2.97E-07
492 ALL	670932.9	4341394	3.99E-07
493 ALL	670935.2	4341367	3.67E-07
494 ALL	671108	4340976	1.42E-07
495 ALL	671286.7	4340979	1.24E-07
496 ALL	671675.4	4342489	4.85E-07
497 ALL	671091.4	4342277	6.10E-06
498 ALL	671051.8	4342332	4.28E-06
499 ALL	671051.8	4342369	4.43E-06
500 ALL	670953	4342361	2.83E-06
501 ALL	670695.7	4342236	1.62E-06
502 ALL	670545.5	4342319	1.25E-06
503 ALL	670711.7	4342488	1.32E-06
504 ALL	670648.3	4342502	1.11E-06
505 ALL	670648.3	4342631	9.85E-07
506 ALL	670806.3	4342728	1.92E-06
507 ALL	670688.2	4342739	9.97E-07
508 ALL	670804.9	4342428	1.84E-06
509 ALL	670439.5	4342472	1.05E-06
510 ALL	670358.4	4342579	8.69E-07
511 ALL	670546.6	4342662	9.73E-07
512 ALL	670537	4342595	9.20E-07
513 ALL	670483.5	4342777	9.26E-07
514 ALL	670508.2	4342755	9.50E-07
515 ALL	670517.8	4342869	1.01E-06
516 ALL	670545.3	4342851	1.00E-06

Mitigated Cancer Risk

517 ALL	670582.4	4342878	1.17E-06
518 ALL	670304.9	4342689	7.61E-07
519 ALL	670039.7	4342661	7.86E-07
520 ALL	670156.5	4342673	7.17E-07
521 ALL	670236.2	4342649	7.55E-07
522 ALL	670071.3	4342738	6.61E-07
523 ALL	669990.2	4342753	6.17E-07
524 ALL	669928.4	4342742	5.94E-07
525 ALL	669815.8	4342673	5.79E-07
526 ALL	669743	4342656	5.59E-07
527 ALL	669791	4342745	5.16E-07
528 ALL	669696.3	4342731	4.90E-07
529 ALL	669536.9	4342553	4.77E-07
530 ALL	671174.9	4342280	5.79E-06
531 ALL	671068.4	4342170	1.10E-05
532 ALL	670965.7	4342179	5.54E-06
533 ALL	670815.5	4342198	2.21E-06
534 ALL	670737.6	4342098	1.40E-06
535 ALL	670762.3	4342069	1.47E-06
536 ALL	670817.4	4342041	1.80E-06
537 ALL	670895.4	4342025	2.58E-06
538 ALL	670979	4341915	2.93E-06
539 ALL	671115.9	4341864	3.65E-06
540 ALL	671199.6	4341771	4.18E-06
541 ALL	671222.4	4341377	3.96E-07
542 ALL	671714.8	4341392	4.14E-07
543 ALL	671366.9	4341999	6.15E-06
544 ALL	671226.2	4342236	4.89E-06
545 ALL	669098.4	4343412	2.04E-06
546 ALL	668908.6	4343365	2.82E-06
547 ALL	668851.5	4343360	2.56E-06
548 ALL	668831.4	4343371	2.65E-06
549 ALL	668733.9	4343302	1.60E-06
550 ALL	668686.9	4343200	1.21E-06
551 ALL	668671.8	4343089	9.45E-07
552 ALL	668806.2	4343002	9.34E-07
553 ALL	668918.7	4343025	1.18E-06
554 ALL	669024.5	4342943	9.31E-07
555 ALL	669288.2	4342916	8.49E-07
556 ALL	669333.6	4342923	9.28E-07
557 ALL	669365.5	4342978	1.11E-06
558 ALL	669337	4343151	1.44E-06
559 ALL	669303.4	4343304	2.67E-06
560 ALL	669222.7	4343235	2.74E-06
561 ALL	669135.4	4343306	2.90E-06

Unmitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781	3.40E-03
2	ALL	668370.1	4340781	4.07E-03
3	ALL	668591.4	4340781	4.73E-03
4	ALL	668812.7	4340781	5.34E-03
5	ALL	669034	4340781	6.24E-03
6	ALL	669255.3	4340781	7.31E-03
7	ALL	669476.7	4340781	7.99E-03
8	ALL	669698	4340781	8.91E-03
9	ALL	669919.3	4340781	9.94E-03
10	ALL	670140.6	4340781	8.67E-03
11	ALL	670361.9	4340781	6.60E-03
12	ALL	670583.2	4340781	4.25E-03
13	ALL	670804.5	4340781	3.50E-03
14	ALL	671025.8	4340781	2.68E-03
15	ALL	671247.1	4340781	2.14E-03
16	ALL	671468.4	4340781	2.14E-03
17	ALL	671689.8	4340781	1.81E-03
18	ALL	671911.1	4340781	1.57E-03
19	ALL	672132.4	4340781	1.14E-03
20	ALL	672353.7	4340781	1.33E-03
21	ALL	672575	4340781	1.23E-03
22	ALL	668148.8	4340946	3.09E-03
23	ALL	668370.1	4340946	3.69E-03
24	ALL	668591.4	4340946	4.36E-03
25	ALL	668812.7	4340946	5.09E-03
26	ALL	669034	4340946	6.28E-03
27	ALL	669255.3	4340946	7.43E-03
28	ALL	669476.7	4340946	8.36E-03
29	ALL	669698	4340946	1.03E-02
30	ALL	669919.3	4340946	1.19E-02
31	ALL	670140.6	4340946	1.18E-02
32	ALL	670361.9	4340946	9.57E-03
33	ALL	670583.2	4340946	7.00E-03
34	ALL	670804.5	4340946	4.42E-03
35	ALL	671025.8	4340946	3.19E-03
36	ALL	671247.1	4340946	2.42E-03
37	ALL	671468.4	4340946	2.19E-03
38	ALL	671689.8	4340946	2.24E-03
39	ALL	671911.1	4340946	2.16E-03
40	ALL	672132.4	4340946	1.23E-03
41	ALL	672353.7	4340946	1.20E-03
42	ALL	672575	4340946	1.28E-03
43	ALL	668148.8	4341111	2.87E-03
44	ALL	668370.1	4341111	3.33E-03
45	ALL	668591.4	4341111	4.06E-03
46	ALL	668812.7	4341111	4.84E-03

Unmitigated Chronic Risk

47 ALL	669034	4341111	5.92E-03
48 ALL	669255.3	4341111	6.96E-03
49 ALL	669476.7	4341111	8.66E-03
50 ALL	669698	4341111	1.11E-02
51 ALL	669919.3	4341111	1.28E-02
52 ALL	670140.6	4341111	1.47E-02
53 ALL	670361.9	4341111	1.29E-02
54 ALL	670583.2	4341111	8.37E-03
55 ALL	670804.5	4341111	5.02E-03
56 ALL	671025.8	4341111	3.56E-03
57 ALL	671247.1	4341111	3.21E-03
58 ALL	671468.4	4341111	2.64E-03
59 ALL	671689.8	4341111	3.20E-03
60 ALL	671911.1	4341111	2.70E-03
61 ALL	672132.4	4341111	1.36E-03
62 ALL	672353.7	4341111	1.13E-03
63 ALL	672575	4341111	1.42E-03
64 ALL	668148.8	4341276	2.69E-03
65 ALL	668370.1	4341276	3.12E-03
66 ALL	668591.4	4341276	3.75E-03
67 ALL	668812.7	4341276	4.62E-03
68 ALL	669034	4341276	5.93E-03
69 ALL	669255.3	4341276	7.07E-03
70 ALL	669476.7	4341276	8.49E-03
71 ALL	669698	4341276	1.08E-02
72 ALL	669919.3	4341276	1.47E-02
73 ALL	670140.6	4341276	1.62E-02
74 ALL	670361.9	4341276	1.56E-02
75 ALL	670583.2	4341276	1.04E-02
76 ALL	670804.5	4341276	6.73E-03
77 ALL	671025.8	4341276	4.67E-03
78 ALL	671247.1	4341276	4.70E-03
79 ALL	671468.4	4341276	5.12E-03
80 ALL	671689.8	4341276	4.80E-03
81 ALL	671911.1	4341276	3.55E-03
82 ALL	672132.4	4341276	1.66E-03
83 ALL	672353.7	4341276	1.29E-03
84 ALL	672575	4341276	1.75E-03
85 ALL	668148.8	4341441	2.51E-03
86 ALL	668370.1	4341441	2.92E-03
87 ALL	668591.4	4341441	3.46E-03
88 ALL	668812.7	4341441	4.32E-03
89 ALL	669034	4341441	5.39E-03
90 ALL	669255.3	4341441	6.27E-03
91 ALL	669476.7	4341441	7.94E-03
92 ALL	669698	4341441	1.06E-02
93 ALL	669919.3	4341441	1.37E-02

Unmitigated Chronic Risk

94 ALL	670140.6	4341441	1.61E-02
95 ALL	670361.9	4341441	1.91E-02
96 ALL	670583.2	4341441	1.61E-02
97 ALL	670804.5	4341441	1.22E-02
98 ALL	671025.8	4341441	7.51E-03
99 ALL	671689.8	4341441	9.19E-03
100 ALL	671911.1	4341441	4.20E-03
101 ALL	672132.4	4341441	2.29E-03
102 ALL	672353.7	4341441	2.04E-03
103 ALL	672575	4341441	2.48E-03
104 ALL	668148.8	4341606	2.47E-03
105 ALL	668370.1	4341606	2.84E-03
106 ALL	668591.4	4341606	3.31E-03
107 ALL	668812.7	4341606	3.92E-03
108 ALL	669034	4341606	4.65E-03
109 ALL	669255.3	4341606	5.66E-03
110 ALL	669476.7	4341606	7.21E-03
111 ALL	669698	4341606	9.44E-03
112 ALL	669919.3	4341606	1.07E-02
113 ALL	670140.6	4341606	1.47E-02
114 ALL	670361.9	4341606	1.88E-02
115 ALL	670583.2	4341606	2.44E-02
116 ALL	670804.5	4341606	2.64E-02
117 ALL	671025.8	4341606	1.53E-02
118 ALL	671689.8	4341606	1.60E-02
119 ALL	671911.1	4341606	6.39E-03
120 ALL	672132.4	4341606	3.80E-03
121 ALL	672353.7	4341606	2.74E-03
122 ALL	672575	4341606	3.00E-03
123 ALL	668148.8	4341771	2.31E-03
124 ALL	668370.1	4341771	2.73E-03
125 ALL	668591.4	4341771	3.03E-03
126 ALL	668812.7	4341771	3.56E-03
127 ALL	669034	4341771	4.29E-03
128 ALL	669255.3	4341771	5.39E-03
129 ALL	669476.7	4341771	6.41E-03
130 ALL	669698	4341771	6.69E-03
131 ALL	669919.3	4341771	7.57E-03
132 ALL	670140.6	4341771	9.76E-03
133 ALL	670361.9	4341771	1.32E-02
134 ALL	670583.2	4341771	2.93E-02
135 ALL	670804.5	4341771	6.09E-02
136 ALL	671025.8	4341771	6.32E-02
137 ALL	671689.8	4341771	1.71E-02
138 ALL	671911.1	4341771	8.59E-03
139 ALL	672132.4	4341771	4.16E-03
140 ALL	672353.7	4341771	2.71E-03

Unmitigated Chronic Risk

141 ALL	672575	4341771	3.30E-03
142 ALL	668148.8	4341936	2.20E-03
143 ALL	668370.1	4341936	2.51E-03
144 ALL	668591.4	4341936	2.92E-03
145 ALL	668812.7	4341936	3.47E-03
146 ALL	669034	4341936	4.21E-03
147 ALL	669255.3	4341936	4.87E-03
148 ALL	669476.7	4341936	4.94E-03
149 ALL	669698	4341936	4.85E-03
150 ALL	669919.3	4341936	4.90E-03
151 ALL	670140.6	4341936	6.17E-03
152 ALL	670361.9	4341936	9.14E-03
153 ALL	670583.2	4341936	2.34E-02
154 ALL	670804.5	4341936	7.60E-02
155 ALL	671468.4	4341936	5.17E-02
156 ALL	671689.8	4341936	1.75E-02
157 ALL	671911.1	4341936	9.13E-03
158 ALL	672132.4	4341936	4.68E-03
159 ALL	672353.7	4341936	2.94E-03
160 ALL	672575	4341936	3.00E-03
161 ALL	668148.8	4342101	2.24E-03
162 ALL	668370.1	4342101	2.58E-03
163 ALL	668591.4	4342101	3.03E-03
164 ALL	668812.7	4342101	3.49E-03
165 ALL	669034	4342101	4.23E-03
166 ALL	669255.3	4342101	5.02E-03
167 ALL	669476.7	4342101	4.92E-03
168 ALL	669698	4342101	5.23E-03
169 ALL	669919.3	4342101	6.05E-03
170 ALL	670140.6	4342101	6.44E-03
171 ALL	670361.9	4342101	1.54E-02
172 ALL	670583.2	4342101	3.14E-02
173 ALL	671468.4	4342101	3.70E-02
174 ALL	671689.8	4342101	1.58E-02
175 ALL	671911.1	4342101	8.99E-03
176 ALL	672132.4	4342101	5.12E-03
177 ALL	672353.7	4342101	3.19E-03
178 ALL	672575	4342101	2.98E-03
179 ALL	668148.8	4342266	2.35E-03
180 ALL	668370.1	4342266	2.70E-03
181 ALL	668591.4	4342266	2.97E-03
182 ALL	668812.7	4342266	3.43E-03
183 ALL	669034	4342266	4.01E-03
184 ALL	669255.3	4342266	4.94E-03
185 ALL	669476.7	4342266	6.14E-03
186 ALL	669698	4342266	8.07E-03
187 ALL	669919.3	4342266	1.06E-02

Unmitigated Chronic Risk

188 ALL	670140.6	4342266	1.38E-02
189 ALL	670361.9	4342266	2.08E-02
190 ALL	670583.2	4342266	3.53E-02
191 ALL	670804.5	4342266	7.15E-02
192 ALL	671025.8	4342266	1.30E-01
193 ALL	671247.1	4342266	9.82E-02
194 ALL	671468.4	4342266	2.77E-02
195 ALL	671689.8	4342266	1.34E-02
196 ALL	671911.1	4342266	7.79E-03
197 ALL	672132.4	4342266	5.27E-03
198 ALL	672353.7	4342266	3.59E-03
199 ALL	672575	4342266	3.43E-03
200 ALL	668148.8	4342431	2.41E-03
201 ALL	668370.1	4342431	2.80E-03
202 ALL	668591.4	4342431	3.11E-03
203 ALL	668812.7	4342431	3.56E-03
204 ALL	669034	4342431	4.12E-03
205 ALL	669255.3	4342431	4.93E-03
206 ALL	669476.7	4342431	6.22E-03
207 ALL	669698	4342431	7.87E-03
208 ALL	669919.3	4342431	1.04E-02
209 ALL	670140.6	4342431	1.41E-02
210 ALL	670361.9	4342431	2.18E-02
211 ALL	670583.2	4342431	3.26E-02
212 ALL	670804.5	4342431	5.18E-02
213 ALL	671025.8	4342431	7.27E-02
214 ALL	671247.1	4342431	4.33E-02
215 ALL	671468.4	4342431	1.97E-02
216 ALL	671689.8	4342431	1.01E-02
217 ALL	671911.1	4342431	6.23E-03
218 ALL	672132.4	4342431	4.59E-03
219 ALL	672353.7	4342431	3.93E-03
220 ALL	672575	4342431	3.24E-03
221 ALL	668148.8	4342596	2.59E-03
222 ALL	668370.1	4342596	2.94E-03
223 ALL	668591.4	4342596	3.37E-03
224 ALL	668812.7	4342596	3.90E-03
225 ALL	669034	4342596	4.52E-03
226 ALL	669255.3	4342596	5.39E-03
227 ALL	669476.7	4342596	6.90E-03
228 ALL	669698	4342596	9.58E-03
229 ALL	669919.3	4342596	1.14E-02
230 ALL	670140.6	4342596	1.52E-02
231 ALL	670361.9	4342596	2.06E-02
232 ALL	670583.2	4342596	2.01E-02
233 ALL	670804.5	4342596	3.16E-02
234 ALL	671025.8	4342596	4.12E-02

Unmitigated Chronic Risk

235 ALL	671247.1	4342596	2.98E-02
236 ALL	671468.4	4342596	1.42E-02
237 ALL	671689.8	4342596	7.45E-03
238 ALL	671911.1	4342596	4.78E-03
239 ALL	672132.4	4342596	3.68E-03
240 ALL	672353.7	4342596	3.30E-03
241 ALL	672575	4342596	3.01E-03
242 ALL	668148.8	4342761	2.82E-03
243 ALL	668370.1	4342761	3.28E-03
244 ALL	668591.4	4342761	3.73E-03
245 ALL	668812.7	4342761	4.34E-03
246 ALL	669034	4342761	4.98E-03
247 ALL	669255.3	4342761	5.85E-03
248 ALL	669476.7	4342761	8.00E-03
249 ALL	669698	4342761	9.06E-03
250 ALL	669919.3	4342761	1.10E-02
251 ALL	670140.6	4342761	1.33E-02
252 ALL	670361.9	4342761	1.69E-02
253 ALL	670583.2	4342761	1.72E-02
254 ALL	670804.5	4342761	2.28E-02
255 ALL	671025.8	4342761	2.42E-02
256 ALL	671247.1	4342761	1.83E-02
257 ALL	671468.4	4342761	1.13E-02
258 ALL	671689.8	4342761	6.49E-03
259 ALL	671911.1	4342761	3.88E-03
260 ALL	672132.4	4342761	3.07E-03
261 ALL	672353.7	4342761	2.83E-03
262 ALL	672575	4342761	2.32E-03
263 ALL	668148.8	4342926	3.00E-03
264 ALL	668370.1	4342926	3.49E-03
265 ALL	668591.4	4342926	4.11E-03
266 ALL	668812.7	4342926	4.82E-03
267 ALL	669034	4342926	5.74E-03
268 ALL	669476.7	4342926	7.32E-03
269 ALL	669698	4342926	8.78E-03
270 ALL	669919.3	4342926	1.01E-02
271 ALL	670140.6	4342926	1.16E-02
272 ALL	670361.9	4342926	1.38E-02
273 ALL	670583.2	4342926	1.84E-02
274 ALL	670804.5	4342926	1.81E-02
275 ALL	671025.8	4342926	1.48E-02
276 ALL	671247.1	4342926	1.32E-02
277 ALL	671468.4	4342926	8.56E-03
278 ALL	671689.8	4342926	5.42E-03
279 ALL	671911.1	4342926	3.42E-03
280 ALL	672132.4	4342926	2.34E-03
281 ALL	672353.7	4342926	2.22E-03

Unmitigated Chronic Risk

282 ALL	672575	4342926	1.98E-03
283 ALL	668148.8	4343090	3.04E-03
284 ALL	668370.1	4343090	3.58E-03
285 ALL	668591.4	4343090	4.34E-03
286 ALL	669476.7	4343090	6.79E-03
287 ALL	669698	4343090	7.75E-03
288 ALL	669919.3	4343090	9.58E-03
289 ALL	670140.6	4343090	1.17E-02
290 ALL	670361.9	4343090	1.36E-02
291 ALL	670583.2	4343090	1.37E-02
292 ALL	670804.5	4343090	1.38E-02
293 ALL	671025.8	4343090	1.08E-02
294 ALL	671247.1	4343090	9.82E-03
295 ALL	671468.4	4343090	6.92E-03
296 ALL	671689.8	4343090	4.57E-03
297 ALL	671911.1	4343090	3.02E-03
298 ALL	672132.4	4343090	2.14E-03
299 ALL	672353.7	4343090	1.55E-03
300 ALL	672575	4343090	1.45E-03
301 ALL	668148.8	4343255	3.17E-03
302 ALL	668370.1	4343255	4.09E-03
303 ALL	668591.4	4343255	4.70E-03
304 ALL	669476.7	4343255	6.90E-03
305 ALL	669698	4343255	9.20E-03
306 ALL	669919.3	4343255	1.03E-02
307 ALL	670140.6	4343255	1.15E-02
308 ALL	670361.9	4343255	1.08E-02
309 ALL	670583.2	4343255	1.02E-02
310 ALL	670804.5	4343255	1.09E-02
311 ALL	671025.8	4343255	8.44E-03
312 ALL	671247.1	4343255	7.48E-03
313 ALL	671468.4	4343255	5.82E-03
314 ALL	671689.8	4343255	3.92E-03
315 ALL	671911.1	4343255	2.67E-03
316 ALL	672132.4	4343255	1.92E-03
317 ALL	672353.7	4343255	1.46E-03
318 ALL	672575	4343255	1.10E-03
319 ALL	668148.8	4343420	3.03E-03
320 ALL	668370.1	4343420	4.18E-03
321 ALL	668591.4	4343420	6.35E-03
322 ALL	668812.7	4343420	8.24E-03
323 ALL	669034	4343420	9.13E-03
324 ALL	669255.3	4343420	6.92E-03
325 ALL	669476.7	4343420	7.08E-03
326 ALL	669698	4343420	7.31E-03
327 ALL	669919.3	4343420	7.95E-03
328 ALL	670140.6	4343420	7.96E-03

Unmitigated Chronic Risk

329 ALL	670361.9	4343420	8.13E-03
330 ALL	670583.2	4343420	8.17E-03
331 ALL	670804.5	4343420	8.74E-03
332 ALL	671025.8	4343420	7.72E-03
333 ALL	671247.1	4343420	6.51E-03
334 ALL	671468.4	4343420	4.78E-03
335 ALL	671689.8	4343420	3.46E-03
336 ALL	671911.1	4343420	2.41E-03
337 ALL	672132.4	4343420	1.73E-03
338 ALL	672353.7	4343420	1.30E-03
339 ALL	672575	4343420	1.01E-03
340 ALL	668148.8	4343585	2.93E-03
341 ALL	668370.1	4343585	3.40E-03
342 ALL	668591.4	4343585	4.22E-03
343 ALL	668812.7	4343585	5.14E-03
344 ALL	669034	4343585	5.70E-03
345 ALL	669255.3	4343585	5.57E-03
346 ALL	669476.7	4343585	5.71E-03
347 ALL	669698	4343585	5.96E-03
348 ALL	669919.3	4343585	6.33E-03
349 ALL	670140.6	4343585	6.57E-03
350 ALL	670361.9	4343585	6.68E-03
351 ALL	670583.2	4343585	6.79E-03
352 ALL	670804.5	4343585	6.96E-03
353 ALL	671025.8	4343585	6.89E-03
354 ALL	671247.1	4343585	5.42E-03
355 ALL	671468.4	4343585	4.28E-03
356 ALL	671689.8	4343585	3.28E-03
357 ALL	671911.1	4343585	2.29E-03
358 ALL	672132.4	4343585	1.67E-03
359 ALL	672353.7	4343585	1.23E-03
360 ALL	672575	4343585	9.65E-04
361 ALL	668148.8	4343750	2.83E-03
362 ALL	668370.1	4343750	3.26E-03
363 ALL	668591.4	4343750	3.79E-03
364 ALL	668812.7	4343750	4.40E-03
365 ALL	669034	4343750	4.93E-03
366 ALL	669255.3	4343750	5.10E-03
367 ALL	669476.7	4343750	5.14E-03
368 ALL	669698	4343750	5.34E-03
369 ALL	669919.3	4343750	5.51E-03
370 ALL	670140.6	4343750	5.63E-03
371 ALL	670361.9	4343750	5.75E-03
372 ALL	670583.2	4343750	5.72E-03
373 ALL	670804.5	4343750	5.73E-03
374 ALL	671025.8	4343750	5.59E-03
375 ALL	671247.1	4343750	5.08E-03

Unmitigated Chronic Risk

376 ALL	671468.4	4343750	4.30E-03
377 ALL	671689.8	4343750	3.53E-03
378 ALL	671911.1	4343750	2.56E-03
379 ALL	672132.4	4343750	1.74E-03
380 ALL	672353.7	4343750	1.22E-03
381 ALL	672575	4343750	9.53E-04
382 ALL	668148.8	4343915	2.72E-03
383 ALL	668370.1	4343915	3.13E-03
384 ALL	668591.4	4343915	3.63E-03
385 ALL	668812.7	4343915	4.08E-03
386 ALL	669034	4343915	4.54E-03
387 ALL	669255.3	4343915	4.77E-03
388 ALL	669476.7	4343915	4.80E-03
389 ALL	669698	4343915	4.79E-03
390 ALL	669919.3	4343915	4.84E-03
391 ALL	670140.6	4343915	4.92E-03
392 ALL	670361.9	4343915	4.92E-03
393 ALL	670583.2	4343915	4.96E-03
394 ALL	670804.5	4343915	4.95E-03
395 ALL	671025.8	4343915	4.84E-03
396 ALL	671247.1	4343915	4.35E-03
397 ALL	671468.4	4343915	3.71E-03
398 ALL	671689.8	4343915	2.97E-03
399 ALL	671911.1	4343915	2.29E-03
400 ALL	672132.4	4343915	1.80E-03
401 ALL	672353.7	4343915	1.34E-03
402 ALL	672575	4343915	1.02E-03
403 ALL	668148.8	4344080	2.66E-03
404 ALL	668370.1	4344080	2.99E-03
405 ALL	668591.4	4344080	3.42E-03
406 ALL	668812.7	4344080	3.86E-03
407 ALL	669034	4344080	4.22E-03
408 ALL	669255.3	4344080	4.43E-03
409 ALL	669476.7	4344080	4.30E-03
410 ALL	669698	4344080	4.30E-03
411 ALL	669919.3	4344080	4.33E-03
412 ALL	670140.6	4344080	4.49E-03
413 ALL	670361.9	4344080	4.28E-03
414 ALL	670583.2	4344080	4.32E-03
415 ALL	670804.5	4344080	4.39E-03
416 ALL	671025.8	4344080	4.09E-03
417 ALL	671247.1	4344080	3.82E-03
418 ALL	671468.4	4344080	3.39E-03
419 ALL	671689.8	4344080	2.53E-03
420 ALL	671911.1	4344080	1.88E-03
421 ALL	672132.4	4344080	1.44E-03
422 ALL	672353.7	4344080	1.15E-03

Unmitigated Chronic Risk

423 ALL	672575	4344080	9.05E-04
424 ALL	671464.7	4342094	3.85E-02
425 ALL	671482.2	4342064	3.80E-02
426 ALL	671498.6	4342030	3.67E-02
427 ALL	671513.8	4341992	3.56E-02
428 ALL	671541.8	4341965	3.16E-02
429 ALL	671575.6	4341974	2.60E-02
430 ALL	671460.8	4342163	3.35E-02
431 ALL	671451	4342187	3.33E-02
432 ALL	671510.7	4342220	2.48E-02
433 ALL	671524.1	4342193	2.44E-02
434 ALL	671522.9	4342251	2.27E-02
435 ALL	671599.1	4342253	1.75E-02
436 ALL	671627.8	4342257	1.60E-02
437 ALL	671583.9	4342116	2.07E-02
438 ALL	671595.5	4342072	2.09E-02
439 ALL	671663.1	4342056	1.74E-02
440 ALL	671600.9	4342030	2.19E-02
441 ALL	671526.6	4342156	2.50E-02
442 ALL	671629	4342292	1.52E-02
443 ALL	671641.8	4341981	1.97E-02
444 ALL	671666.8	4342019	1.78E-02
445 ALL	671407.1	4342220	3.96E-02
446 ALL	671415.6	4342183	4.13E-02
447 ALL	671635.1	4341706	2.24E-02
448 ALL	671693.6	4341710	1.64E-02
449 ALL	671719.8	4341736	1.53E-02
450 ALL	671673.5	4341630	1.70E-02
451 ALL	671888	4341936	9.83E-03
452 ALL	671977.6	4341952	7.50E-03
453 ALL	672039.2	4341895	5.88E-03
454 ALL	671858.2	4341754	1.03E-02
455 ALL	671922.8	4341634	6.61E-03
456 ALL	671613.7	4341791	2.52E-02
457 ALL	671853.3	4341731	1.01E-02
458 ALL	671783.8	4341586	1.01E-02
459 ALL	671783.2	4341547	9.21E-03
460 ALL	671769.2	4341461	7.84E-03
461 ALL	671800.9	4341421	6.38E-03
462 ALL	671880.1	4341427	4.62E-03
463 ALL	672012.4	4341505	3.28E-03
464 ALL	672084.3	4341548	3.49E-03
465 ALL	671915.5	4341478	4.44E-03
466 ALL	671903.3	4341564	5.84E-03
467 ALL	671863.1	4341522	6.04E-03
468 ALL	671830.1	4341336	5.04E-03
469 ALL	671835.6	4341288	4.63E-03

Unmitigated Chronic Risk

470 ALL	671825.9	4341275	4.62E-03
471 ALL	672136.7	4341371	1.90E-03
472 ALL	671920.3	4341307	3.39E-03
473 ALL	671695.4	4341257	4.51E-03
474 ALL	671682	4341176	3.48E-03
475 ALL	671991.7	4341196	2.77E-03
476 ALL	672022.1	4341232	2.50E-03
477 ALL	671992.3	4341178	2.52E-03
478 ALL	671540.6	4341238	3.33E-03
479 ALL	671575.3	4341178	2.74E-03
480 ALL	671454.7	4341196	3.33E-03
481 ALL	671523.5	4341116	2.53E-03
482 ALL	671413.2	4341127	3.10E-03
483 ALL	671471.1	4341065	2.48E-03
484 ALL	671601.6	4341051	2.56E-03
485 ALL	671198.6	4341254	4.17E-03
486 ALL	671278.5	4341212	4.01E-03
487 ALL	671230.3	4341133	3.25E-03
488 ALL	671073.1	4341272	4.41E-03
489 ALL	671122.5	4341374	5.97E-03
490 ALL	671118.8	4341397	6.46E-03
491 ALL	670978.4	4341324	5.67E-03
492 ALL	670932.9	4341394	7.65E-03
493 ALL	670935.2	4341367	7.05E-03
494 ALL	671108	4340976	2.88E-03
495 ALL	671286.7	4340979	2.51E-03
496 ALL	671675.4	4342489	9.36E-03
497 ALL	671091.4	4342277	1.51E-01
498 ALL	671051.8	4342332	9.98E-02
499 ALL	671051.8	4342369	8.78E-02
500 ALL	670953	4342361	7.18E-02
501 ALL	670695.7	4342236	5.25E-02
502 ALL	670545.5	4342319	3.27E-02
503 ALL	670711.7	4342488	3.25E-02
504 ALL	670648.3	4342502	2.62E-02
505 ALL	670648.3	4342631	1.93E-02
506 ALL	670806.3	4342728	2.36E-02
507 ALL	670688.2	4342739	1.78E-02
508 ALL	670804.9	4342428	5.23E-02
509 ALL	670439.5	4342472	2.50E-02
510 ALL	670358.4	4342579	2.06E-02
511 ALL	670546.6	4342662	1.99E-02
512 ALL	670537	4342595	2.02E-02
513 ALL	670483.5	4342777	1.68E-02
514 ALL	670508.2	4342755	1.74E-02
515 ALL	670517.8	4342869	1.60E-02
516 ALL	670545.3	4342851	1.59E-02

Unmitigated Chronic Risk

517 ALL	670582.4	4342878	1.64E-02
518 ALL	670304.9	4342689	1.75E-02
519 ALL	670039.7	4342661	1.30E-02
520 ALL	670156.5	4342673	1.50E-02
521 ALL	670236.2	4342649	1.69E-02
522 ALL	670071.3	4342738	1.34E-02
523 ALL	669990.2	4342753	1.20E-02
524 ALL	669928.4	4342742	1.11E-02
525 ALL	669815.8	4342673	1.01E-02
526 ALL	669743	4342656	9.53E-03
527 ALL	669791	4342745	9.76E-03
528 ALL	669696.3	4342731	9.07E-03
529 ALL	669536.9	4342553	7.16E-03
530 ALL	671174.9	4342280	1.29E-01
531 ALL	671068.4	4342170	4.80E-01
532 ALL	670965.7	4342179	2.21E-01
533 ALL	670815.5	4342198	7.89E-02
534 ALL	670737.6	4342098	5.14E-02
535 ALL	670762.3	4342069	5.62E-02
536 ALL	670817.4	4342041	7.27E-02
537 ALL	670895.4	4342025	1.13E-01
538 ALL	670979	4341915	1.26E-01
539 ALL	671115.9	4341864	1.11E-01
540 ALL	671199.6	4341771	8.21E-02
541 ALL	671222.4	4341377	6.96E-03
542 ALL	671714.8	4341392	7.17E-03
543 ALL	671366.9	4341999	1.36E-01
544 ALL	671226.2	4342236	1.29E-01
545 ALL	669098.4	4343412	8.91E-03
546 ALL	668908.6	4343365	1.09E-02
547 ALL	668851.5	4343360	1.02E-02
548 ALL	668831.4	4343371	9.79E-03
549 ALL	668733.9	4343302	9.24E-03
550 ALL	668686.9	4343200	7.36E-03
551 ALL	668671.8	4343089	5.36E-03
552 ALL	668806.2	4343002	5.64E-03
553 ALL	668918.7	4343025	6.25E-03
554 ALL	669024.5	4342943	6.04E-03
555 ALL	669288.2	4342916	6.81E-03
556 ALL	669333.6	4342923	7.55E-03
557 ALL	669365.5	4342978	7.65E-03
558 ALL	669337	4343151	8.09E-03
559 ALL	669303.4	4343304	9.24E-03
560 ALL	669222.7	4343235	1.28E-02
561 ALL	669135.4	4343306	1.30E-02

Mitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781	3.35E-03
2	ALL	668370.1	4340781	4.01E-03
3	ALL	668591.4	4340781	4.67E-03
4	ALL	668812.7	4340781	5.28E-03
5	ALL	669034	4340781	6.16E-03
6	ALL	669255.3	4340781	7.22E-03
7	ALL	669476.7	4340781	7.89E-03
8	ALL	669698	4340781	8.79E-03
9	ALL	669919.3	4340781	9.75E-03
10	ALL	670140.6	4340781	8.47E-03
11	ALL	670361.9	4340781	6.40E-03
12	ALL	670583.2	4340781	4.09E-03
13	ALL	670804.5	4340781	3.37E-03
14	ALL	671025.8	4340781	2.58E-03
15	ALL	671247.1	4340781	2.04E-03
16	ALL	671468.4	4340781	2.03E-03
17	ALL	671689.8	4340781	1.69E-03
18	ALL	671911.1	4340781	1.47E-03
19	ALL	672132.4	4340781	1.05E-03
20	ALL	672353.7	4340781	1.23E-03
21	ALL	672575	4340781	1.14E-03
22	ALL	668148.8	4340946	3.04E-03
23	ALL	668370.1	4340946	3.64E-03
24	ALL	668591.4	4340946	4.30E-03
25	ALL	668812.7	4340946	5.02E-03
26	ALL	669034	4340946	6.20E-03
27	ALL	669255.3	4340946	7.33E-03
28	ALL	669476.7	4340946	8.26E-03
29	ALL	669698	4340946	1.02E-02
30	ALL	669919.3	4340946	1.17E-02
31	ALL	670140.6	4340946	1.16E-02
32	ALL	670361.9	4340946	9.31E-03
33	ALL	670583.2	4340946	6.75E-03
34	ALL	670804.5	4340946	4.24E-03
35	ALL	671025.8	4340946	3.05E-03
36	ALL	671247.1	4340946	2.30E-03
37	ALL	671468.4	4340946	2.06E-03
38	ALL	671689.8	4340946	2.08E-03
39	ALL	671911.1	4340946	2.00E-03
40	ALL	672132.4	4340946	1.14E-03
41	ALL	672353.7	4340946	1.12E-03
42	ALL	672575	4340946	1.18E-03
43	ALL	668148.8	4341111	2.83E-03
44	ALL	668370.1	4341111	3.28E-03
45	ALL	668591.4	4341111	4.00E-03
46	ALL	668812.7	4341111	4.77E-03

Mitigated Chronic Risk

47 ALL	669034	4341111	5.84E-03
48 ALL	669255.3	4341111	6.86E-03
49 ALL	669476.7	4341111	8.55E-03
50 ALL	669698	4341111	1.10E-02
51 ALL	669919.3	4341111	1.26E-02
52 ALL	670140.6	4341111	1.45E-02
53 ALL	670361.9	4341111	1.26E-02
54 ALL	670583.2	4341111	8.09E-03
55 ALL	670804.5	4341111	4.80E-03
56 ALL	671025.8	4341111	3.38E-03
57 ALL	671247.1	4341111	3.03E-03
58 ALL	671468.4	4341111	2.46E-03
59 ALL	671689.8	4341111	2.95E-03
60 ALL	671911.1	4341111	2.47E-03
61 ALL	672132.4	4341111	1.25E-03
62 ALL	672353.7	4341111	1.04E-03
63 ALL	672575	4341111	1.31E-03
64 ALL	668148.8	4341276	2.64E-03
65 ALL	668370.1	4341276	3.07E-03
66 ALL	668591.4	4341276	3.69E-03
67 ALL	668812.7	4341276	4.55E-03
68 ALL	669034	4341276	5.85E-03
69 ALL	669255.3	4341276	6.97E-03
70 ALL	669476.7	4341276	8.37E-03
71 ALL	669698	4341276	1.06E-02
72 ALL	669919.3	4341276	1.45E-02
73 ALL	670140.6	4341276	1.60E-02
74 ALL	670361.9	4341276	1.53E-02
75 ALL	670583.2	4341276	1.01E-02
76 ALL	670804.5	4341276	6.42E-03
77 ALL	671025.8	4341276	4.40E-03
78 ALL	671247.1	4341276	4.39E-03
79 ALL	671468.4	4341276	4.70E-03
80 ALL	671689.8	4341276	4.37E-03
81 ALL	671911.1	4341276	3.22E-03
82 ALL	672132.4	4341276	1.52E-03
83 ALL	672353.7	4341276	1.17E-03
84 ALL	672575	4341276	1.61E-03
85 ALL	668148.8	4341441	2.46E-03
86 ALL	668370.1	4341441	2.87E-03
87 ALL	668591.4	4341441	3.40E-03
88 ALL	668812.7	4341441	4.24E-03
89 ALL	669034	4341441	5.30E-03
90 ALL	669255.3	4341441	6.16E-03
91 ALL	669476.7	4341441	7.82E-03
92 ALL	669698	4341441	1.04E-02
93 ALL	669919.3	4341441	1.35E-02

Mitigated Chronic Risk

94 ALL	670140.6	4341441	1.58E-02
95 ALL	670361.9	4341441	1.88E-02
96 ALL	670583.2	4341441	1.57E-02
97 ALL	670804.5	4341441	1.17E-02
98 ALL	671025.8	4341441	7.03E-03
99 ALL	671689.8	4341441	8.10E-03
100 ALL	671911.1	4341441	3.77E-03
101 ALL	672132.4	4341441	2.06E-03
102 ALL	672353.7	4341441	1.85E-03
103 ALL	672575	4341441	2.26E-03
104 ALL	668148.8	4341606	2.42E-03
105 ALL	668370.1	4341606	2.78E-03
106 ALL	668591.4	4341606	3.24E-03
107 ALL	668812.7	4341606	3.84E-03
108 ALL	669034	4341606	4.56E-03
109 ALL	669255.3	4341606	5.55E-03
110 ALL	669476.7	4341606	7.09E-03
111 ALL	669698	4341606	9.28E-03
112 ALL	669919.3	4341606	1.06E-02
113 ALL	670140.6	4341606	1.45E-02
114 ALL	670361.9	4341606	1.86E-02
115 ALL	670583.2	4341606	2.41E-02
116 ALL	670804.5	4341606	2.57E-02
117 ALL	671025.8	4341606	1.44E-02
118 ALL	671689.8	4341606	1.37E-02
119 ALL	671911.1	4341606	5.62E-03
120 ALL	672132.4	4341606	3.39E-03
121 ALL	672353.7	4341606	2.47E-03
122 ALL	672575	4341606	2.73E-03
123 ALL	668148.8	4341771	2.26E-03
124 ALL	668370.1	4341771	2.67E-03
125 ALL	668591.4	4341771	2.96E-03
126 ALL	668812.7	4341771	3.48E-03
127 ALL	669034	4341771	4.20E-03
128 ALL	669255.3	4341771	5.29E-03
129 ALL	669476.7	4341771	6.29E-03
130 ALL	669698	4341771	6.57E-03
131 ALL	669919.3	4341771	7.44E-03
132 ALL	670140.6	4341771	9.60E-03
133 ALL	670361.9	4341771	1.30E-02
134 ALL	670583.2	4341771	2.89E-02
135 ALL	670804.5	4341771	6.00E-02
136 ALL	671025.8	4341771	6.08E-02
137 ALL	671689.8	4341771	1.43E-02
138 ALL	671911.1	4341771	7.53E-03
139 ALL	672132.4	4341771	3.69E-03
140 ALL	672353.7	4341771	2.43E-03

Mitigated Chronic Risk

141 ALL	672575	4341771	3.00E-03
142 ALL	668148.8	4341936	2.16E-03
143 ALL	668370.1	4341936	2.45E-03
144 ALL	668591.4	4341936	2.86E-03
145 ALL	668812.7	4341936	3.40E-03
146 ALL	669034	4341936	4.12E-03
147 ALL	669255.3	4341936	4.77E-03
148 ALL	669476.7	4341936	4.84E-03
149 ALL	669698	4341936	4.75E-03
150 ALL	669919.3	4341936	4.80E-03
151 ALL	670140.6	4341936	6.04E-03
152 ALL	670361.9	4341936	8.94E-03
153 ALL	670583.2	4341936	2.30E-02
154 ALL	670804.5	4341936	7.47E-02
155 ALL	671468.4	4341936	4.28E-02
156 ALL	671689.8	4341936	1.52E-02
157 ALL	671911.1	4341936	8.11E-03
158 ALL	672132.4	4341936	4.21E-03
159 ALL	672353.7	4341936	2.66E-03
160 ALL	672575	4341936	2.74E-03
161 ALL	668148.8	4342101	2.19E-03
162 ALL	668370.1	4342101	2.52E-03
163 ALL	668591.4	4342101	2.97E-03
164 ALL	668812.7	4342101	3.42E-03
165 ALL	669034	4342101	4.13E-03
166 ALL	669255.3	4342101	4.92E-03
167 ALL	669476.7	4342101	4.81E-03
168 ALL	669698	4342101	5.12E-03
169 ALL	669919.3	4342101	5.92E-03
170 ALL	670140.6	4342101	6.28E-03
171 ALL	670361.9	4342101	1.51E-02
172 ALL	670583.2	4342101	3.06E-02
173 ALL	671468.4	4342101	3.29E-02
174 ALL	671689.8	4342101	1.41E-02
175 ALL	671911.1	4342101	8.13E-03
176 ALL	672132.4	4342101	4.65E-03
177 ALL	672353.7	4342101	2.92E-03
178 ALL	672575	4342101	2.73E-03
179 ALL	668148.8	4342266	2.30E-03
180 ALL	668370.1	4342266	2.64E-03
181 ALL	668591.4	4342266	2.91E-03
182 ALL	668812.7	4342266	3.35E-03
183 ALL	669034	4342266	3.91E-03
184 ALL	669255.3	4342266	4.82E-03
185 ALL	669476.7	4342266	6.00E-03
186 ALL	669698	4342266	7.90E-03
187 ALL	669919.3	4342266	1.04E-02

Mitigated Chronic Risk

188 ALL	670140.6	4342266	1.35E-02
189 ALL	670361.9	4342266	2.03E-02
190 ALL	670583.2	4342266	3.35E-02
191 ALL	670804.5	4342266	6.96E-02
192 ALL	671025.8	4342266	1.27E-01
193 ALL	671247.1	4342266	9.31E-02
194 ALL	671468.4	4342266	2.52E-02
195 ALL	671689.8	4342266	1.22E-02
196 ALL	671911.1	4342266	7.11E-03
197 ALL	672132.4	4342266	4.83E-03
198 ALL	672353.7	4342266	3.30E-03
199 ALL	672575	4342266	3.16E-03
200 ALL	668148.8	4342431	2.36E-03
201 ALL	668370.1	4342431	2.74E-03
202 ALL	668591.4	4342431	3.04E-03
203 ALL	668812.7	4342431	3.48E-03
204 ALL	669034	4342431	4.03E-03
205 ALL	669255.3	4342431	4.80E-03
206 ALL	669476.7	4342431	6.03E-03
207 ALL	669698	4342431	7.58E-03
208 ALL	669919.3	4342431	1.01E-02
209 ALL	670140.6	4342431	1.36E-02
210 ALL	670361.9	4342431	2.00E-02
211 ALL	670583.2	4342431	3.18E-02
212 ALL	670804.5	4342431	5.07E-02
213 ALL	671025.8	4342431	7.12E-02
214 ALL	671247.1	4342431	4.11E-02
215 ALL	671468.4	4342431	1.81E-02
216 ALL	671689.8	4342431	9.26E-03
217 ALL	671911.1	4342431	5.71E-03
218 ALL	672132.4	4342431	4.23E-03
219 ALL	672353.7	4342431	3.63E-03
220 ALL	672575	4342431	2.99E-03
221 ALL	668148.8	4342596	2.55E-03
222 ALL	668370.1	4342596	2.89E-03
223 ALL	668591.4	4342596	3.31E-03
224 ALL	668812.7	4342596	3.82E-03
225 ALL	669034	4342596	4.42E-03
226 ALL	669255.3	4342596	5.23E-03
227 ALL	669476.7	4342596	6.35E-03
228 ALL	669698	4342596	8.33E-03
229 ALL	669919.3	4342596	1.02E-02
230 ALL	670140.6	4342596	1.39E-02
231 ALL	670361.9	4342596	1.99E-02
232 ALL	670583.2	4342596	1.95E-02
233 ALL	670804.5	4342596	3.08E-02
234 ALL	671025.8	4342596	4.03E-02

Mitigated Chronic Risk

235 ALL	671247.1	4342596	2.84E-02
236 ALL	671468.4	4342596	1.32E-02
237 ALL	671689.8	4342596	6.83E-03
238 ALL	671911.1	4342596	4.40E-03
239 ALL	672132.4	4342596	3.39E-03
240 ALL	672353.7	4342596	3.06E-03
241 ALL	672575	4342596	2.78E-03
242 ALL	668148.8	4342761	2.78E-03
243 ALL	668370.1	4342761	3.23E-03
244 ALL	668591.4	4342761	3.68E-03
245 ALL	668812.7	4342761	4.27E-03
246 ALL	669034	4342761	4.88E-03
247 ALL	669255.3	4342761	5.65E-03
248 ALL	669476.7	4342761	6.84E-03
249 ALL	669698	4342761	8.65E-03
250 ALL	669919.3	4342761	1.05E-02
251 ALL	670140.6	4342761	1.28E-02
252 ALL	670361.9	4342761	1.65E-02
253 ALL	670583.2	4342761	1.67E-02
254 ALL	670804.5	4342761	2.24E-02
255 ALL	671025.8	4342761	2.35E-02
256 ALL	671247.1	4342761	1.74E-02
257 ALL	671468.4	4342761	1.05E-02
258 ALL	671689.8	4342761	5.99E-03
259 ALL	671911.1	4342761	3.57E-03
260 ALL	672132.4	4342761	2.84E-03
261 ALL	672353.7	4342761	2.62E-03
262 ALL	672575	4342761	2.15E-03
263 ALL	668148.8	4342926	2.95E-03
264 ALL	668370.1	4342926	3.44E-03
265 ALL	668591.4	4342926	4.05E-03
266 ALL	668812.7	4342926	4.75E-03
267 ALL	669034	4342926	5.64E-03
268 ALL	669476.7	4342926	6.71E-03
269 ALL	669698	4342926	8.49E-03
270 ALL	669919.3	4342926	9.83E-03
271 ALL	670140.6	4342926	1.12E-02
272 ALL	670361.9	4342926	1.35E-02
273 ALL	670583.2	4342926	1.81E-02
274 ALL	670804.5	4342926	1.77E-02
275 ALL	671025.8	4342926	1.43E-02
276 ALL	671247.1	4342926	1.26E-02
277 ALL	671468.4	4342926	8.02E-03
278 ALL	671689.8	4342926	5.03E-03
279 ALL	671911.1	4342926	3.16E-03
280 ALL	672132.4	4342926	2.16E-03
281 ALL	672353.7	4342926	2.06E-03

Mitigated Chronic Risk

282 ALL	672575	4342926	1.85E-03
283 ALL	668148.8	4343090	3.00E-03
284 ALL	668370.1	4343090	3.53E-03
285 ALL	668591.4	4343090	4.28E-03
286 ALL	669476.7	4343090	6.55E-03
287 ALL	669698	4343090	7.55E-03
288 ALL	669919.3	4343090	9.36E-03
289 ALL	670140.6	4343090	1.15E-02
290 ALL	670361.9	4343090	1.34E-02
291 ALL	670583.2	4343090	1.35E-02
292 ALL	670804.5	4343090	1.35E-02
293 ALL	671025.8	4343090	1.04E-02
294 ALL	671247.1	4343090	9.35E-03
295 ALL	671468.4	4343090	6.50E-03
296 ALL	671689.8	4343090	4.26E-03
297 ALL	671911.1	4343090	2.79E-03
298 ALL	672132.4	4343090	1.98E-03
299 ALL	672353.7	4343090	1.44E-03
300 ALL	672575	4343090	1.35E-03
301 ALL	668148.8	4343255	3.13E-03
302 ALL	668370.1	4343255	4.05E-03
303 ALL	668591.4	4343255	4.65E-03
304 ALL	669476.7	4343255	6.78E-03
305 ALL	669698	4343255	9.41E-03
306 ALL	669919.3	4343255	1.04E-02
307 ALL	670140.6	4343255	1.15E-02
308 ALL	670361.9	4343255	1.07E-02
309 ALL	670583.2	4343255	1.00E-02
310 ALL	670804.5	4343255	1.06E-02
311 ALL	671025.8	4343255	8.12E-03
312 ALL	671247.1	4343255	7.11E-03
313 ALL	671468.4	4343255	5.48E-03
314 ALL	671689.8	4343255	3.66E-03
315 ALL	671911.1	4343255	2.48E-03
316 ALL	672132.4	4343255	1.78E-03
317 ALL	672353.7	4343255	1.35E-03
318 ALL	672575	4343255	1.02E-03
319 ALL	668148.8	4343420	2.99E-03
320 ALL	668370.1	4343420	4.14E-03
321 ALL	668591.4	4343420	6.30E-03
322 ALL	668812.7	4343420	8.18E-03
323 ALL	669034	4343420	9.06E-03
324 ALL	669255.3	4343420	6.87E-03
325 ALL	669476.7	4343420	7.11E-03
326 ALL	669698	4343420	7.27E-03
327 ALL	669919.3	4343420	7.88E-03
328 ALL	670140.6	4343420	7.86E-03

Mitigated Chronic Risk

329 ALL	670361.9	4343420	7.99E-03
330 ALL	670583.2	4343420	7.97E-03
331 ALL	670804.5	4343420	8.48E-03
332 ALL	671025.8	4343420	7.43E-03
333 ALL	671247.1	4343420	6.20E-03
334 ALL	671468.4	4343420	4.50E-03
335 ALL	671689.8	4343420	3.24E-03
336 ALL	671911.1	4343420	2.25E-03
337 ALL	672132.4	4343420	1.61E-03
338 ALL	672353.7	4343420	1.21E-03
339 ALL	672575	4343420	9.42E-04
340 ALL	668148.8	4343585	2.89E-03
341 ALL	668370.1	4343585	3.36E-03
342 ALL	668591.4	4343585	4.17E-03
343 ALL	668812.7	4343585	5.07E-03
344 ALL	669034	4343585	5.63E-03
345 ALL	669255.3	4343585	5.50E-03
346 ALL	669476.7	4343585	5.64E-03
347 ALL	669698	4343585	5.87E-03
348 ALL	669919.3	4343585	6.22E-03
349 ALL	670140.6	4343585	6.45E-03
350 ALL	670361.9	4343585	6.53E-03
351 ALL	670583.2	4343585	6.61E-03
352 ALL	670804.5	4343585	6.73E-03
353 ALL	671025.8	4343585	6.63E-03
354 ALL	671247.1	4343585	5.17E-03
355 ALL	671468.4	4343585	4.05E-03
356 ALL	671689.8	4343585	3.09E-03
357 ALL	671911.1	4343585	2.14E-03
358 ALL	672132.4	4343585	1.56E-03
359 ALL	672353.7	4343585	1.14E-03
360 ALL	672575	4343585	8.96E-04
361 ALL	668148.8	4343750	2.79E-03
362 ALL	668370.1	4343750	3.22E-03
363 ALL	668591.4	4343750	3.73E-03
364 ALL	668812.7	4343750	4.34E-03
365 ALL	669034	4343750	4.86E-03
366 ALL	669255.3	4343750	5.02E-03
367 ALL	669476.7	4343750	5.06E-03
368 ALL	669698	4343750	5.24E-03
369 ALL	669919.3	4343750	5.41E-03
370 ALL	670140.6	4343750	5.52E-03
371 ALL	670361.9	4343750	5.61E-03
372 ALL	670583.2	4343750	5.55E-03
373 ALL	670804.5	4343750	5.53E-03
374 ALL	671025.8	4343750	5.37E-03
375 ALL	671247.1	4343750	4.85E-03

Mitigated Chronic Risk

376 ALL	671468.4	4343750	4.08E-03
377 ALL	671689.8	4343750	3.34E-03
378 ALL	671911.1	4343750	2.41E-03
379 ALL	672132.4	4343750	1.63E-03
380 ALL	672353.7	4343750	1.13E-03
381 ALL	672575	4343750	8.87E-04
382 ALL	668148.8	4343915	2.68E-03
383 ALL	668370.1	4343915	3.08E-03
384 ALL	668591.4	4343915	3.58E-03
385 ALL	668812.7	4343915	4.02E-03
386 ALL	669034	4343915	4.47E-03
387 ALL	669255.3	4343915	4.70E-03
388 ALL	669476.7	4343915	4.72E-03
389 ALL	669698	4343915	4.70E-03
390 ALL	669919.3	4343915	4.74E-03
391 ALL	670140.6	4343915	4.81E-03
392 ALL	670361.9	4343915	4.79E-03
393 ALL	670583.2	4343915	4.81E-03
394 ALL	670804.5	4343915	4.78E-03
395 ALL	671025.8	4343915	4.65E-03
396 ALL	671247.1	4343915	4.15E-03
397 ALL	671468.4	4343915	3.52E-03
398 ALL	671689.8	4343915	2.81E-03
399 ALL	671911.1	4343915	2.16E-03
400 ALL	672132.4	4343915	1.69E-03
401 ALL	672353.7	4343915	1.25E-03
402 ALL	672575	4343915	9.48E-04
403 ALL	668148.8	4344080	2.62E-03
404 ALL	668370.1	4344080	2.94E-03
405 ALL	668591.4	4344080	3.37E-03
406 ALL	668812.7	4344080	3.81E-03
407 ALL	669034	4344080	4.15E-03
408 ALL	669255.3	4344080	4.36E-03
409 ALL	669476.7	4344080	4.23E-03
410 ALL	669698	4344080	4.22E-03
411 ALL	669919.3	4344080	4.23E-03
412 ALL	670140.6	4344080	4.38E-03
413 ALL	670361.9	4344080	4.17E-03
414 ALL	670583.2	4344080	4.19E-03
415 ALL	670804.5	4344080	4.23E-03
416 ALL	671025.8	4344080	3.92E-03
417 ALL	671247.1	4344080	3.65E-03
418 ALL	671468.4	4344080	3.23E-03
419 ALL	671689.8	4344080	2.39E-03
420 ALL	671911.1	4344080	1.77E-03
421 ALL	672132.4	4344080	1.35E-03
422 ALL	672353.7	4344080	1.08E-03

Mitigated Chronic Risk

423 ALL	672575	4344080	8.45E-04
424 ALL	671464.7	4342094	3.43E-02
425 ALL	671482.2	4342064	3.35E-02
426 ALL	671498.6	4342030	3.21E-02
427 ALL	671513.8	4341992	3.06E-02
428 ALL	671541.8	4341965	2.70E-02
429 ALL	671575.6	4341974	2.23E-02
430 ALL	671460.8	4342163	3.01E-02
431 ALL	671451	4342187	3.01E-02
432 ALL	671510.7	4342220	2.24E-02
433 ALL	671524.1	4342193	2.20E-02
434 ALL	671522.9	4342251	2.05E-02
435 ALL	671599.1	4342253	1.58E-02
436 ALL	671627.8	4342257	1.45E-02
437 ALL	671583.9	4342116	1.85E-02
438 ALL	671595.5	4342072	1.85E-02
439 ALL	671663.1	4342056	1.55E-02
440 ALL	671600.9	4342030	1.92E-02
441 ALL	671526.6	4342156	2.24E-02
442 ALL	671629	4342292	1.38E-02
443 ALL	671641.8	4341981	1.72E-02
444 ALL	671666.8	4342019	1.57E-02
445 ALL	671407.1	4342220	3.60E-02
446 ALL	671415.6	4342183	3.73E-02
447 ALL	671635.1	4341706	1.83E-02
448 ALL	671693.6	4341710	1.37E-02
449 ALL	671719.8	4341736	1.29E-02
450 ALL	671673.5	4341630	1.43E-02
451 ALL	671888	4341936	8.72E-03
452 ALL	671977.6	4341952	6.70E-03
453 ALL	672039.2	4341895	5.23E-03
454 ALL	671858.2	4341754	8.95E-03
455 ALL	671922.8	4341634	5.81E-03
456 ALL	671613.7	4341791	2.05E-02
457 ALL	671853.3	4341731	8.76E-03
458 ALL	671783.8	4341586	8.79E-03
459 ALL	671783.2	4341547	8.03E-03
460 ALL	671769.2	4341461	6.91E-03
461 ALL	671800.9	4341421	5.68E-03
462 ALL	671880.1	4341427	4.15E-03
463 ALL	672012.4	4341505	2.92E-03
464 ALL	672084.3	4341548	3.12E-03
465 ALL	671915.5	4341478	3.96E-03
466 ALL	671903.3	4341564	5.14E-03
467 ALL	671863.1	4341522	5.35E-03
468 ALL	671830.1	4341336	4.54E-03
469 ALL	671835.6	4341288	4.18E-03

Mitigated Chronic Risk

470 ALL	671825.9	4341275	4.18E-03
471 ALL	672136.7	4341371	1.71E-03
472 ALL	671920.3	4341307	3.08E-03
473 ALL	671695.4	4341257	4.11E-03
474 ALL	671682	4341176	3.20E-03
475 ALL	671991.7	4341196	2.53E-03
476 ALL	672022.1	4341232	2.29E-03
477 ALL	671992.3	4341178	2.30E-03
478 ALL	671540.6	4341238	3.05E-03
479 ALL	671575.3	4341178	2.52E-03
480 ALL	671454.7	4341196	3.09E-03
481 ALL	671523.5	4341116	2.34E-03
482 ALL	671413.2	4341127	2.91E-03
483 ALL	671471.1	4341065	2.31E-03
484 ALL	671601.6	4341051	2.37E-03
485 ALL	671198.6	4341254	3.91E-03
486 ALL	671278.5	4341212	3.77E-03
487 ALL	671230.3	4341133	3.06E-03
488 ALL	671073.1	4341272	4.15E-03
489 ALL	671122.5	4341374	5.57E-03
490 ALL	671118.8	4341397	6.01E-03
491 ALL	670978.4	4341324	5.35E-03
492 ALL	670932.9	4341394	7.23E-03
493 ALL	670935.2	4341367	6.66E-03
494 ALL	671108	4340976	2.75E-03
495 ALL	671286.7	4340979	2.37E-03
496 ALL	671675.4	4342489	8.56E-03
497 ALL	671091.4	4342277	1.48E-01
498 ALL	671051.8	4342332	9.74E-02
499 ALL	671051.8	4342369	8.57E-02
500 ALL	670953	4342361	7.00E-02
501 ALL	670695.7	4342236	5.08E-02
502 ALL	670545.5	4342319	3.11E-02
503 ALL	670711.7	4342488	3.17E-02
504 ALL	670648.3	4342502	2.56E-02
505 ALL	670648.3	4342631	1.88E-02
506 ALL	670806.3	4342728	2.31E-02
507 ALL	670688.2	4342739	1.73E-02
508 ALL	670804.9	4342428	5.12E-02
509 ALL	670439.5	4342472	2.38E-02
510 ALL	670358.4	4342579	1.98E-02
511 ALL	670546.6	4342662	1.94E-02
512 ALL	670537	4342595	1.97E-02
513 ALL	670483.5	4342777	1.64E-02
514 ALL	670508.2	4342755	1.69E-02
515 ALL	670517.8	4342869	1.56E-02
516 ALL	670545.3	4342851	1.55E-02

Mitigated Chronic Risk

517 ALL	670582.4	4342878	1.60E-02
518 ALL	670304.9	4342689	1.70E-02
519 ALL	670039.7	4342661	1.20E-02
520 ALL	670156.5	4342673	1.43E-02
521 ALL	670236.2	4342649	1.63E-02
522 ALL	670071.3	4342738	1.29E-02
523 ALL	669990.2	4342753	1.15E-02
524 ALL	669928.4	4342742	1.05E-02
525 ALL	669815.8	4342673	9.39E-03
526 ALL	669743	4342656	8.85E-03
527 ALL	669791	4342745	9.31E-03
528 ALL	669696.3	4342731	8.62E-03
529 ALL	669536.9	4342553	6.60E-03
530 ALL	671174.9	4342280	1.25E-01
531 ALL	671068.4	4342170	4.73E-01
532 ALL	670965.7	4342179	2.14E-01
533 ALL	670815.5	4342198	7.67E-02
534 ALL	670737.6	4342098	5.01E-02
535 ALL	670762.3	4342069	5.49E-02
536 ALL	670817.4	4342041	7.12E-02
537 ALL	670895.4	4342025	1.11E-01
538 ALL	670979	4341915	1.24E-01
539 ALL	671115.9	4341864	1.04E-01
540 ALL	671199.6	4341771	7.03E-02
541 ALL	671222.4	4341377	6.43E-03
542 ALL	671714.8	4341392	6.38E-03
543 ALL	671366.9	4341999	1.17E-01
544 ALL	671226.2	4342236	1.23E-01
545 ALL	669098.4	4343412	8.83E-03
546 ALL	668908.6	4343365	1.09E-02
547 ALL	668851.5	4343360	1.02E-02
548 ALL	668831.4	4343371	9.73E-03
549 ALL	668733.9	4343302	9.18E-03
550 ALL	668686.9	4343200	7.31E-03
551 ALL	668671.8	4343089	5.30E-03
552 ALL	668806.2	4343002	5.57E-03
553 ALL	668918.7	4343025	6.17E-03
554 ALL	669024.5	4342943	5.95E-03
555 ALL	669288.2	4342916	6.41E-03
556 ALL	669333.6	4342923	6.61E-03
557 ALL	669365.5	4342978	6.96E-03
558 ALL	669337	4343151	7.93E-03
559 ALL	669303.4	4343304	9.35E-03
560 ALL	669222.7	4343235	1.27E-02
561 ALL	669135.4	4343306	1.29E-02

Unmitigated Acute Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781.04	5.86E-06
2	ALL	668370.1	4340781.04	6.22E-06
3	ALL	668591.4	4340781.04	6.79E-06
4	ALL	668812.7	4340781.04	7.48E-06
5	ALL	669034	4340781.04	8.28E-06
6	ALL	669255.3	4340781.04	9.27E-06
7	ALL	669476.7	4340781.04	1.01E-05
8	ALL	669698	4340781.04	9.90E-06
9	ALL	669919.3	4340781.04	5.45E-05
10	ALL	670140.6	4340781.04	7.21E-05
11	ALL	670361.9	4340781.04	7.31E-05
12	ALL	670583.2	4340781.04	5.53E-05
13	ALL	670804.5	4340781.04	5.42E-05
14	ALL	671025.8	4340781.04	4.81E-05
15	ALL	671247.1	4340781.04	3.97E-05
16	ALL	671468.4	4340781.04	4.19E-05
17	ALL	671689.8	4340781.04	4.96E-05
18	ALL	671911.1	4340781.04	4.44E-05
19	ALL	672132.4	4340781.04	2.98E-05
20	ALL	672353.7	4340781.04	4.70E-05
21	ALL	672575	4340781.04	6.11E-05
22	ALL	668148.8	4340946	5.67E-06
23	ALL	668370.1	4340946	6.54E-06
24	ALL	668591.4	4340946	7.12E-06
25	ALL	668812.7	4340946	7.79E-06
26	ALL	669034	4340946	8.65E-06
27	ALL	669255.3	4340946	9.74E-06
28	ALL	669476.7	4340946	1.10E-05
29	ALL	669698	4340946	1.25E-05
30	ALL	669919.3	4340946	6.91E-05
31	ALL	670140.6	4340946	7.55E-05
32	ALL	670361.9	4340946	8.64E-05
33	ALL	670583.2	4340946	8.58E-05
34	ALL	670804.5	4340946	6.07E-05
35	ALL	671025.8	4340946	5.08E-05
36	ALL	671247.1	4340946	3.74E-05
37	ALL	671468.4	4340946	3.76E-05
38	ALL	671689.8	4340946	6.21E-05
39	ALL	671911.1	4340946	6.94E-05
40	ALL	672132.4	4340946	2.58E-05
41	ALL	672353.7	4340946	3.76E-05
42	ALL	672575	4340946	6.66E-05
43	ALL	668148.8	4341110.96	5.88E-06
44	ALL	668370.1	4341110.96	6.50E-06
45	ALL	668591.4	4341110.96	7.31E-06
46	ALL	668812.7	4341110.96	8.03E-06

Unmitigated Acute Risk

47 ALL	669034	4341110.96	8.99E-06
48 ALL	669255.3	4341110.96	1.01E-05
49 ALL	669476.7	4341110.96	1.16E-05
50 ALL	669698	4341110.96	1.34E-05
51 ALL	669919.3	4341110.96	1.58E-05
52 ALL	670140.6	4341110.96	8.52E-05
53 ALL	670361.9	4341110.96	8.75E-05
54 ALL	670583.2	4341110.96	6.87E-05
55 ALL	670804.5	4341110.96	5.39E-05
56 ALL	671025.8	4341110.96	4.13E-05
57 ALL	671247.1	4341110.96	4.67E-05
58 ALL	671468.4	4341110.96	4.16E-05
59 ALL	671689.8	4341110.96	9.68E-05
60 ALL	671911.1	4341110.96	8.01E-05
61 ALL	672132.4	4341110.96	2.70E-05
62 ALL	672353.7	4341110.96	2.78E-05
63 ALL	672575	4341110.96	7.05E-05
64 ALL	668148.8	4341275.92	6.20E-06
65 ALL	668370.1	4341275.92	6.88E-06
66 ALL	668591.4	4341275.92	7.47E-06
67 ALL	668812.7	4341275.92	8.24E-06
68 ALL	669034	4341275.92	9.25E-06
69 ALL	669255.3	4341275.92	1.06E-05
70 ALL	669476.7	4341275.92	1.22E-05
71 ALL	669698	4341275.92	1.42E-05
72 ALL	669919.3	4341275.92	8.19E-05
73 ALL	670140.6	4341275.92	7.96E-05
74 ALL	670361.9	4341275.92	7.17E-05
75 ALL	670583.2	4341275.92	5.62E-05
76 ALL	670804.5	4341275.92	5.39E-05
77 ALL	671025.8	4341275.92	4.16E-05
78 ALL	671247.1	4341275.92	6.33E-05
79 ALL	671468.4	4341275.92	1.13E-04
80 ALL	671689.8	4341275.92	1.50E-04
81 ALL	671911.1	4341275.92	1.15E-04
82 ALL	672132.4	4341275.92	3.24E-05
83 ALL	672353.7	4341275.92	2.15E-05
84 ALL	672575	4341275.92	7.72E-05
85 ALL	668148.8	4341440.88	6.38E-06
86 ALL	668370.1	4341440.88	7.02E-06
87 ALL	668591.4	4341440.88	7.59E-06
88 ALL	668812.7	4341440.88	8.45E-06
89 ALL	669034	4341440.88	9.48E-06
90 ALL	669255.3	4341440.88	1.09E-05
91 ALL	669476.7	4341440.88	1.27E-05
92 ALL	669698	4341440.88	1.49E-05
93 ALL	669919.3	4341440.88	8.87E-05

Unmitigated Acute Risk

94 ALL	670140.6	4341440.88	7.26E-05
95 ALL	670361.9	4341440.88	6.96E-05
96 ALL	670583.2	4341440.88	5.76E-05
97 ALL	670804.5	4341440.88	7.97E-05
98 ALL	671025.8	4341440.88	6.73E-05
99 ALL	671689.8	4341440.88	3.65E-05
100 ALL	671911.1	4341440.88	1.33E-04
101 ALL	672132.4	4341440.88	3.94E-05
102 ALL	672353.7	4341440.88	4.08E-05
103 ALL	672575	4341440.88	4.17E-05
104 ALL	668148.8	4341605.84	6.39E-06
105 ALL	668370.1	4341605.84	6.89E-06
106 ALL	668591.4	4341605.84	7.68E-06
107 ALL	668812.7	4341605.84	8.58E-06
108 ALL	669034	4341605.84	9.68E-06
109 ALL	669255.3	4341605.84	1.11E-05
110 ALL	669476.7	4341605.84	1.30E-05
111 ALL	669698	4341605.84	1.55E-05
112 ALL	669919.3	4341605.84	8.49E-05
113 ALL	670140.6	4341605.84	8.07E-05
114 ALL	670361.9	4341605.84	6.76E-05
115 ALL	670583.2	4341605.84	7.54E-05
116 ALL	670804.5	4341605.84	1.16E-04
117 ALL	671025.8	4341605.84	1.35E-04
118 ALL	671689.8	4341605.84	4.77E-05
119 ALL	671911.1	4341605.84	1.78E-04
120 ALL	672132.4	4341605.84	7.10E-05
121 ALL	672353.7	4341605.84	5.53E-05
122 ALL	672575	4341605.84	1.17E-05
123 ALL	668148.8	4341770.8	6.71E-06
124 ALL	668370.1	4341770.8	6.95E-06
125 ALL	668591.4	4341770.8	7.81E-06
126 ALL	668812.7	4341770.8	8.71E-06
127 ALL	669034	4341770.8	9.85E-06
128 ALL	669255.3	4341770.8	1.13E-05
129 ALL	669476.7	4341770.8	3.77E-05
130 ALL	669698	4341770.8	8.01E-05
131 ALL	669919.3	4341770.8	7.72E-05
132 ALL	670140.6	4341770.8	7.20E-05
133 ALL	670361.9	4341770.8	6.27E-05
134 ALL	670583.2	4341770.8	9.90E-05
135 ALL	670804.5	4341770.8	2.70E-04
136 ALL	671025.8	4341770.8	5.20E-04
137 ALL	671689.8	4341770.8	2.38E-04
138 ALL	671911.1	4341770.8	1.93E-04
139 ALL	672132.4	4341770.8	4.94E-05
140 ALL	672353.7	4341770.8	2.96E-05

Unmitigated Acute Risk

141 ALL	672575	4341770.8	1.30E-05
142 ALL	668148.8	4341935.76	5.50E-06
143 ALL	668370.1	4341935.76	7.47E-06
144 ALL	668591.4	4341935.76	7.89E-06
145 ALL	668812.7	4341935.76	8.73E-06
146 ALL	669034	4341935.76	9.87E-06
147 ALL	669255.3	4341935.76	3.45E-05
148 ALL	669476.7	4341935.76	6.89E-05
149 ALL	669698	4341935.76	6.24E-05
150 ALL	669919.3	4341935.76	5.02E-05
151 ALL	670140.6	4341935.76	5.61E-05
152 ALL	670361.9	4341935.76	6.76E-05
153 ALL	670583.2	4341935.76	1.59E-04
154 ALL	670804.5	4341935.76	8.25E-05
155 ALL	671468.4	4341935.76	3.00E-04
156 ALL	671689.8	4341935.76	1.61E-04
157 ALL	671911.1	4341935.76	1.41E-04
158 ALL	672132.4	4341935.76	4.39E-05
159 ALL	672353.7	4341935.76	2.39E-05
160 ALL	672575	4341935.76	8.38E-05
161 ALL	668148.8	4342100.72	6.59E-06
162 ALL	668370.1	4342100.72	7.31E-06
163 ALL	668591.4	4342100.72	7.87E-06
164 ALL	668812.7	4342100.72	8.80E-06
165 ALL	669034	4342100.72	9.85E-06
166 ALL	669255.3	4342100.72	1.14E-05
167 ALL	669476.7	4342100.72	6.62E-05
168 ALL	669698	4342100.72	7.66E-05
169 ALL	669919.3	4342100.72	7.97E-05
170 ALL	670140.6	4342100.72	6.72E-05
171 ALL	670361.9	4342100.72	1.46E-04
172 ALL	670583.2	4342100.72	4.55E-05
173 ALL	671468.4	4342100.72	1.39E-04
174 ALL	671689.8	4342100.72	1.01E-04
175 ALL	671911.1	4342100.72	1.22E-04
176 ALL	672132.4	4342100.72	6.42E-05
177 ALL	672353.7	4342100.72	3.11E-05
178 ALL	672575	4342100.72	8.31E-05
179 ALL	668148.8	4342265.68	6.98E-06
180 ALL	668370.1	4342265.68	7.30E-06
181 ALL	668591.4	4342265.68	8.47E-06
182 ALL	668812.7	4342265.68	9.15E-06
183 ALL	669034	4342265.68	1.00E-05
184 ALL	669255.3	4342265.68	1.13E-05
185 ALL	669476.7	4342265.68	1.30E-05
186 ALL	669698	4342265.68	1.56E-05
187 ALL	669919.3	4342265.68	1.90E-05

Unmitigated Acute Risk

188 ALL	670140.6	4342265.68	7.63E-05
189 ALL	670361.9	4342265.68	3.06E-05
190 ALL	670583.2	4342265.68	4.15E-05
191 ALL	670804.5	4342265.68	5.87E-05
192 ALL	671025.8	4342265.68	2.56E-04
193 ALL	671247.1	4342265.68	3.42E-04
194 ALL	671468.4	4342265.68	1.04E-04
195 ALL	671689.8	4342265.68	1.07E-04
196 ALL	671911.1	4342265.68	9.42E-05
197 ALL	672132.4	4342265.68	9.66E-05
198 ALL	672353.7	4342265.68	7.30E-05
199 ALL	672575	4342265.68	1.25E-05
200 ALL	668148.8	4342430.64	5.28E-06
201 ALL	668370.1	4342430.64	7.84E-06
202 ALL	668591.4	4342430.64	6.60E-06
203 ALL	668812.7	4342430.64	7.38E-06
204 ALL	669034	4342430.64	8.35E-06
205 ALL	669255.3	4342430.64	1.14E-05
206 ALL	669476.7	4342430.64	1.28E-05
207 ALL	669698	4342430.64	1.47E-05
208 ALL	669919.3	4342430.64	1.76E-05
209 ALL	670140.6	4342430.64	2.12E-05
210 ALL	670361.9	4342430.64	2.71E-05
211 ALL	670583.2	4342430.64	1.34E-04
212 ALL	670804.5	4342430.64	1.80E-04
213 ALL	671025.8	4342430.64	2.64E-04
214 ALL	671247.1	4342430.64	8.90E-05
215 ALL	671468.4	4342430.64	8.03E-05
216 ALL	671689.8	4342430.64	6.28E-05
217 ALL	671911.1	4342430.64	6.71E-05
218 ALL	672132.4	4342430.64	8.80E-05
219 ALL	672353.7	4342430.64	7.24E-05
220 ALL	672575	4342430.64	1.19E-05
221 ALL	668148.8	4342595.6	5.33E-06
222 ALL	668370.1	4342595.6	5.84E-06
223 ALL	668591.4	4342595.6	6.54E-06
224 ALL	668812.7	4342595.6	7.39E-06
225 ALL	669034	4342595.6	8.37E-06
226 ALL	669255.3	4342595.6	1.20E-05
227 ALL	669476.7	4342595.6	1.27E-05
228 ALL	669698	4342595.6	1.41E-05
229 ALL	669919.3	4342595.6	1.64E-05
230 ALL	670140.6	4342595.6	2.01E-05
231 ALL	670361.9	4342595.6	2.32E-05
232 ALL	670583.2	4342595.6	8.98E-05
233 ALL	670804.5	4342595.6	1.35E-04
234 ALL	671025.8	4342595.6	2.01E-04

Unmitigated Acute Risk

235 ALL	671247.1	4342595.6	1.24E-04
236 ALL	671468.4	4342595.6	5.15E-05
237 ALL	671689.8	4342595.6	3.46E-05
238 ALL	671911.1	4342595.6	3.17E-05
239 ALL	672132.4	4342595.6	5.24E-05
240 ALL	672353.7	4342595.6	8.66E-05
241 ALL	672575	4342595.6	1.11E-05
242 ALL	668148.8	4342760.56	6.41E-06
243 ALL	668370.1	4342760.56	8.27E-06
244 ALL	668591.4	4342760.56	6.69E-06
245 ALL	668812.7	4342760.56	1.02E-05
246 ALL	669034	4342760.56	1.11E-05
247 ALL	669255.3	4342760.56	1.14E-05
248 ALL	669476.7	4342760.56	1.32E-05
249 ALL	669698	4342760.56	1.37E-05
250 ALL	669919.3	4342760.56	1.55E-05
251 ALL	670140.6	4342760.56	8.26E-05
252 ALL	670361.9	4342760.56	1.05E-04
253 ALL	670583.2	4342760.56	6.87E-05
254 ALL	670804.5	4342760.56	8.99E-05
255 ALL	671025.8	4342760.56	9.71E-05
256 ALL	671247.1	4342760.56	5.21E-05
257 ALL	671468.4	4342760.56	3.51E-05
258 ALL	671689.8	4342760.56	2.95E-05
259 ALL	671911.1	4342760.56	2.27E-05
260 ALL	672132.4	4342760.56	3.49E-05
261 ALL	672353.7	4342760.56	7.81E-05
262 ALL	672575	4342760.56	6.42E-05
263 ALL	668148.8	4342925.52	6.82E-06
264 ALL	668370.1	4342925.52	8.40E-06
265 ALL	668591.4	4342925.52	9.84E-06
266 ALL	668812.7	4342925.52	1.22E-05
267 ALL	669034	4342925.52	1.26E-05
268 ALL	669476.7	4342925.52	1.21E-05
269 ALL	669698	4342925.52	1.24E-05
270 ALL	669919.3	4342925.52	6.08E-05
271 ALL	670140.6	4342925.52	8.29E-05
272 ALL	670361.9	4342925.52	8.52E-05
273 ALL	670583.2	4342925.52	1.03E-04
274 ALL	670804.5	4342925.52	1.14E-04
275 ALL	671025.8	4342925.52	3.75E-05
276 ALL	671247.1	4342925.52	4.19E-05
277 ALL	671468.4	4342925.52	2.45E-05
278 ALL	671689.8	4342925.52	2.17E-05
279 ALL	671911.1	4342925.52	2.02E-05
280 ALL	672132.4	4342925.52	2.00E-05
281 ALL	672353.7	4342925.52	4.05E-05

Unmitigated Acute Risk

282 ALL	672575	4342925.52	6.06E-05
283 ALL	668148.8	4343090.48	5.23E-06
284 ALL	668370.1	4343090.48	5.99E-06
285 ALL	668591.4	4343090.48	1.07E-05
286 ALL	669476.7	4343090.48	1.19E-05
287 ALL	669698	4343090.48	1.13E-05
288 ALL	669919.3	4343090.48	1.24E-05
289 ALL	670140.6	4343090.48	6.23E-05
290 ALL	670361.9	4343090.48	1.60E-05
291 ALL	670583.2	4343090.48	1.79E-05
292 ALL	670804.5	4343090.48	9.69E-05
293 ALL	671025.8	4343090.48	2.94E-05
294 ALL	671247.1	4343090.48	3.23E-05
295 ALL	671468.4	4343090.48	2.16E-05
296 ALL	671689.8	4343090.48	2.12E-05
297 ALL	671911.1	4343090.48	1.97E-05
298 ALL	672132.4	4343090.48	1.47E-05
299 ALL	672353.7	4343090.48	1.25E-05
300 ALL	672575	4343090.48	2.31E-05
301 ALL	668148.8	4343255.44	5.18E-06
302 ALL	668370.1	4343255.44	5.93E-06
303 ALL	668591.4	4343255.44	7.25E-06
304 ALL	669476.7	4343255.44	1.04E-05
305 ALL	669698	4343255.44	1.06E-05
306 ALL	669919.3	4343255.44	1.15E-05
307 ALL	670140.6	4343255.44	1.27E-05
308 ALL	670361.9	4343255.44	1.41E-05
309 ALL	670583.2	4343255.44	1.53E-05
310 ALL	670804.5	4343255.44	1.72E-05
311 ALL	671025.8	4343255.44	2.53E-05
312 ALL	671247.1	4343255.44	2.60E-05
313 ALL	671468.4	4343255.44	2.16E-05
314 ALL	671689.8	4343255.44	1.69E-05
315 ALL	671911.1	4343255.44	1.36E-05
316 ALL	672132.4	4343255.44	1.28E-05
317 ALL	672353.7	4343255.44	1.32E-05
318 ALL	672575	4343255.44	1.05E-05
319 ALL	668148.8	4343420.4	5.28E-06
320 ALL	668370.1	4343420.4	5.96E-06
321 ALL	668591.4	4343420.4	6.97E-06
322 ALL	668812.7	4343420.4	9.83E-06
323 ALL	669034	4343420.4	3.56E-05
324 ALL	669255.3	4343420.4	1.89E-05
325 ALL	669476.7	4343420.4	1.35E-05
326 ALL	669698	4343420.4	9.77E-06
327 ALL	669919.3	4343420.4	1.07E-05
328 ALL	670140.6	4343420.4	1.17E-05

Unmitigated Acute Risk

329 ALL	670361.9	4343420.4	1.25E-05
330 ALL	670583.2	4343420.4	1.33E-05
331 ALL	670804.5	4343420.4	1.48E-05
332 ALL	671025.8	4343420.4	6.26E-05
333 ALL	671247.1	4343420.4	3.36E-05
334 ALL	671468.4	4343420.4	1.82E-05
335 ALL	671689.8	4343420.4	1.49E-05
336 ALL	671911.1	4343420.4	1.17E-05
337 ALL	672132.4	4343420.4	1.17E-05
338 ALL	672353.7	4343420.4	1.05E-05
339 ALL	672575	4343420.4	9.70E-06
340 ALL	668148.8	4343585.36	6.60E-06
341 ALL	668370.1	4343585.36	7.71E-06
342 ALL	668591.4	4343585.36	6.48E-06
343 ALL	668812.7	4343585.36	1.30E-05
344 ALL	669034	4343585.36	1.18E-05
345 ALL	669255.3	4343585.36	1.09E-05
346 ALL	669476.7	4343585.36	1.05E-05
347 ALL	669698	4343585.36	1.13E-05
348 ALL	669919.3	4343585.36	1.10E-05
349 ALL	670140.6	4343585.36	1.11E-05
350 ALL	670361.9	4343585.36	1.14E-05
351 ALL	670583.2	4343585.36	1.18E-05
352 ALL	670804.5	4343585.36	1.28E-05
353 ALL	671025.8	4343585.36	1.34E-05
354 ALL	671247.1	4343585.36	3.41E-05
355 ALL	671468.4	4343585.36	2.08E-05
356 ALL	671689.8	4343585.36	1.62E-05
357 ALL	671911.1	4343585.36	1.12E-05
358 ALL	672132.4	4343585.36	1.18E-05
359 ALL	672353.7	4343585.36	9.08E-06
360 ALL	672575	4343585.36	8.55E-06
361 ALL	668148.8	4343750.32	6.59E-06
362 ALL	668370.1	4343750.32	6.21E-06
363 ALL	668591.4	4343750.32	7.01E-06
364 ALL	668812.7	4343750.32	8.58E-06
365 ALL	669034	4343750.32	7.41E-06
366 ALL	669255.3	4343750.32	7.86E-06
367 ALL	669476.7	4343750.32	9.09E-06
368 ALL	669698	4343750.32	9.92E-06
369 ALL	669919.3	4343750.32	1.01E-05
370 ALL	670140.6	4343750.32	1.00E-05
371 ALL	670361.9	4343750.32	1.03E-05
372 ALL	670583.2	4343750.32	1.09E-05
373 ALL	670804.5	4343750.32	1.13E-05
374 ALL	671025.8	4343750.32	1.16E-05
375 ALL	671247.1	4343750.32	5.16E-05

Unmitigated Acute Risk

376 ALL	671468.4	4343750.32	4.95E-05
377 ALL	671689.8	4343750.32	5.44E-05
378 ALL	671911.1	4343750.32	3.08E-05
379 ALL	672132.4	4343750.32	1.56E-05
380 ALL	672353.7	4343750.32	8.33E-06
381 ALL	672575	4343750.32	9.14E-06
382 ALL	668148.8	4343915.28	6.41E-06
383 ALL	668370.1	4343915.28	5.85E-06
384 ALL	668591.4	4343915.28	6.02E-06
385 ALL	668812.7	4343915.28	6.73E-06
386 ALL	669034	4343915.28	6.76E-06
387 ALL	669255.3	4343915.28	7.17E-06
388 ALL	669476.7	4343915.28	7.63E-06
389 ALL	669698	4343915.28	8.66E-06
390 ALL	669919.3	4343915.28	9.19E-06
391 ALL	670140.6	4343915.28	9.07E-06
392 ALL	670361.9	4343915.28	9.35E-06
393 ALL	670583.2	4343915.28	9.75E-06
394 ALL	670804.5	4343915.28	1.01E-05
395 ALL	671025.8	4343915.28	1.03E-05
396 ALL	671247.1	4343915.28	1.06E-05
397 ALL	671468.4	4343915.28	4.65E-05
398 ALL	671689.8	4343915.28	4.48E-05
399 ALL	671911.1	4343915.28	2.49E-05
400 ALL	672132.4	4343915.28	2.45E-05
401 ALL	672353.7	4343915.28	1.77E-05
402 ALL	672575	4343915.28	1.21E-05
403 ALL	668148.8	4344080.24	5.80E-06
404 ALL	668370.1	4344080.24	5.77E-06
405 ALL	668591.4	4344080.24	5.76E-06
406 ALL	668812.7	4344080.24	6.02E-06
407 ALL	669034	4344080.24	6.22E-06
408 ALL	669255.3	4344080.24	6.54E-06
409 ALL	669476.7	4344080.24	7.24E-06
410 ALL	669698	4344080.24	7.79E-06
411 ALL	669919.3	4344080.24	7.98E-06
412 ALL	670140.6	4344080.24	8.14E-06
413 ALL	670361.9	4344080.24	8.61E-06
414 ALL	670583.2	4344080.24	8.93E-06
415 ALL	670804.5	4344080.24	9.17E-06
416 ALL	671025.8	4344080.24	4.93E-05
417 ALL	671247.1	4344080.24	9.53E-06
418 ALL	671468.4	4344080.24	7.96E-06
419 ALL	671689.8	4344080.24	2.85E-05
420 ALL	671911.1	4344080.24	1.45E-05
421 ALL	672132.4	4344080.24	8.70E-06
422 ALL	672353.7	4344080.24	9.21E-06

Unmitigated Acute Risk

423 ALL	672575	4344080.24	7.87E-06
424 ALL	671464.7	4342094.27	1.36E-04
425 ALL	671482.2	4342063.91	1.46E-04
426 ALL	671498.6	4342030.05	1.46E-04
427 ALL	671513.8	4341991.52	1.72E-04
428 ALL	671541.8	4341964.66	1.65E-04
429 ALL	671575.6	4341974	1.40E-04
430 ALL	671460.8	4342162.97	1.20E-04
431 ALL	671451	4342187.35	1.14E-04
432 ALL	671510.7	4342219.66	9.93E-05
433 ALL	671524.1	4342192.84	1.04E-04
434 ALL	671522.9	4342250.74	1.05E-04
435 ALL	671599.1	4342252.57	9.70E-05
436 ALL	671627.8	4342256.84	9.66E-05
437 ALL	671583.9	4342116.03	8.83E-05
438 ALL	671595.5	4342071.54	9.23E-05
439 ALL	671663.1	4342056.3	9.53E-05
440 ALL	671600.9	4342030.09	1.06E-04
441 ALL	671526.6	4342155.65	9.99E-05
442 ALL	671629	4342292.19	1.11E-04
443 ALL	671641.8	4341980.71	1.15E-04
444 ALL	671666.8	4342018.51	1.09E-04
445 ALL	671407.1	4342219.66	1.15E-04
446 ALL	671415.6	4342183.08	1.28E-04
447 ALL	671635.1	4341706.42	3.21E-04
448 ALL	671693.6	4341710.08	2.96E-04
449 ALL	671719.8	4341736.29	2.93E-04
450 ALL	671673.5	4341630.23	2.08E-04
451 ALL	671888	4341936.22	1.57E-04
452 ALL	671977.6	4341952.07	1.02E-04
453 ALL	672039.2	4341894.77	7.36E-05
454 ALL	671858.2	4341753.96	2.13E-04
455 ALL	671922.8	4341634.49	1.77E-04
456 ALL	671613.7	4341791.15	2.51E-04
457 ALL	671853.3	4341730.8	2.17E-04
458 ALL	671783.8	4341585.73	1.43E-04
459 ALL	671783.2	4341546.72	1.45E-04
460 ALL	671769.2	4341461.38	1.40E-04
461 ALL	671800.9	4341420.54	1.58E-04
462 ALL	671880.1	4341427.25	1.52E-04
463 ALL	672012.4	4341504.66	5.72E-05
464 ALL	672084.3	4341547.94	6.50E-05
465 ALL	671915.5	4341478.45	1.31E-04
466 ALL	671903.3	4341564.4	1.65E-04
467 ALL	671863.1	4341522.34	1.71E-04
468 ALL	671830.1	4341336.43	1.56E-04
469 ALL	671835.6	4341287.66	1.48E-04

Unmitigated Acute Risk

470 ALL	671825.9	4341275.47	1.45E-04
471 ALL	672136.7	4341370.56	3.04E-05
472 ALL	671920.3	4341307.17	1.02E-04
473 ALL	671695.4	4341257.19	1.40E-04
474 ALL	671682	4341176.12	9.25E-05
475 ALL	671991.7	4341196.23	8.87E-05
476 ALL	672022.1	4341231.59	7.62E-05
477 ALL	671992.3	4341177.95	7.14E-05
478 ALL	671540.6	4341238.29	6.06E-05
479 ALL	671575.3	4341177.95	4.95E-05
480 ALL	671454.7	4341196.23	5.43E-05
481 ALL	671523.5	4341116.38	4.23E-05
482 ALL	671413.2	4341126.74	4.75E-05
483 ALL	671471.1	4341064.57	4.07E-05
484 ALL	671601.6	4341050.55	6.03E-05
485 ALL	671198.6	4341253.53	5.34E-05
486 ALL	671278.5	4341212.08	5.52E-05
487 ALL	671230.3	4341132.84	4.34E-05
488 ALL	671073.1	4341271.82	4.20E-05
489 ALL	671122.5	4341373.61	6.46E-05
490 ALL	671118.8	4341397.38	6.43E-05
491 ALL	670978.4	4341324.15	4.77E-05
492 ALL	670932.9	4341394.21	6.29E-05
493 ALL	670935.2	4341367.36	5.71E-05
494 ALL	671108	4340976.17	4.33E-05
495 ALL	671286.7	4340978.51	3.78E-05
496 ALL	671675.4	4342488.78	5.11E-05
497 ALL	671091.4	4342277.23	2.89E-04
498 ALL	671051.8	4342332.07	2.03E-04
499 ALL	671051.8	4342369.2	2.24E-04
500 ALL	670953	4342360.76	2.09E-04
501 ALL	670695.7	4342235.89	5.41E-05
502 ALL	670545.5	4342318.58	3.83E-05
503 ALL	670711.7	4342488.16	1.52E-04
504 ALL	670648.3	4342501.73	1.27E-04
505 ALL	670648.3	4342630.87	6.09E-05
506 ALL	670806.3	4342728.41	9.11E-05
507 ALL	670688.2	4342739.41	5.40E-05
508 ALL	670804.9	4342427.55	1.75E-04
509 ALL	670439.5	4342471.51	2.88E-05
510 ALL	670358.4	4342578.67	2.34E-05
511 ALL	670546.6	4342662.47	1.02E-04
512 ALL	670537	4342595.15	1.08E-04
513 ALL	670483.5	4342776.5	8.92E-05
514 ALL	670508.2	4342754.52	8.82E-05
515 ALL	670517.8	4342868.54	8.56E-05
516 ALL	670545.3	4342850.69	7.53E-05

Unmitigated Acute Risk

517 ALL	670582.4	4342878.16	8.29E-05
518 ALL	670304.9	4342688.57	7.95E-05
519 ALL	670039.7	4342661.1	1.78E-05
520 ALL	670156.5	4342673.46	1.85E-05
521 ALL	670236.2	4342648.73	1.99E-05
522 ALL	670071.3	4342738.03	1.65E-05
523 ALL	669990.2	4342753.14	1.59E-05
524 ALL	669928.4	4342742.15	1.58E-05
525 ALL	669815.8	4342673.46	1.51E-05
526 ALL	669743	4342655.6	1.45E-05
527 ALL	669791	4342744.9	1.45E-05
528 ALL	669696.3	4342731.16	1.37E-05
529 ALL	669536.9	4342552.57	1.31E-05
530 ALL	671174.9	4342280.21	3.72E-04
531 ALL	671068.4	4342169.93	4.56E-04
532 ALL	670965.7	4342179.44	1.00E-04
533 ALL	670815.5	4342198.45	6.94E-05
534 ALL	670737.6	4342097.68	6.08E-05
535 ALL	670762.3	4342069.16	6.54E-05
536 ALL	670817.4	4342040.64	7.72E-05
537 ALL	670895.4	4342025.43	1.00E-04
538 ALL	670979	4341915.15	1.45E-04
539 ALL	671115.9	4341863.81	3.09E-04
540 ALL	671199.6	4341770.65	2.50E-04
541 ALL	671222.4	4341377.07	9.90E-05
542 ALL	671714.8	4341392.28	1.70E-04
543 ALL	671366.9	4341998.81	9.11E-04
544 ALL	671226.2	4342236.48	4.32E-04
545 ALL	669098.4	4343411.59	3.44E-05
546 ALL	668908.6	4343364.56	1.44E-05
547 ALL	668851.5	4343359.52	1.13E-05
548 ALL	668831.4	4343371.27	1.05E-05
549 ALL	668733.9	4343302.41	8.65E-06
550 ALL	668686.9	4343199.95	1.25E-05
551 ALL	668671.8	4343089.09	1.19E-05
552 ALL	668806.2	4343001.74	1.28E-05
553 ALL	668918.7	4343025.26	1.43E-05
554 ALL	669024.5	4342942.95	1.34E-05
555 ALL	669288.2	4342916.08	1.21E-05
556 ALL	669333.6	4342922.8	1.22E-05
557 ALL	669365.5	4342978.23	1.26E-05
558 ALL	669337	4343151.23	1.46E-05
559 ALL	669303.4	4343304.09	1.51E-05
560 ALL	669222.7	4343235.22	2.05E-05
561 ALL	669135.4	4343305.77	1.98E-05

Mitigated Acute Risk

REC	GRP	X	Y	MAXHI
	1 ALL	668148.8	4340781	5.86E-06
	2 ALL	668370.1	4340781	6.22E-06
	3 ALL	668591.4	4340781	6.79E-06
	4 ALL	668812.7	4340781	7.48E-06
	5 ALL	669034	4340781	8.28E-06
	6 ALL	669255.3	4340781	9.27E-06
	7 ALL	669476.7	4340781	1.01E-05
	8 ALL	669698	4340781	9.90E-06
	9 ALL	669919.3	4340781	5.45E-05
	10 ALL	670140.6	4340781	7.21E-05
	11 ALL	670361.9	4340781	7.31E-05
	12 ALL	670583.2	4340781	5.53E-05
	13 ALL	670804.5	4340781	5.42E-05
	14 ALL	671025.8	4340781	4.81E-05
	15 ALL	671247.1	4340781	3.97E-05
	16 ALL	671468.4	4340781	4.19E-05
	17 ALL	671689.8	4340781	4.96E-05
	18 ALL	671911.1	4340781	4.44E-05
	19 ALL	672132.4	4340781	2.98E-05
	20 ALL	672353.7	4340781	4.70E-05
	21 ALL	672575	4340781	6.11E-05
	22 ALL	668148.8	4340946	5.67E-06
	23 ALL	668370.1	4340946	6.54E-06
	24 ALL	668591.4	4340946	7.12E-06
	25 ALL	668812.7	4340946	7.79E-06
	26 ALL	669034	4340946	8.65E-06
	27 ALL	669255.3	4340946	9.74E-06
	28 ALL	669476.7	4340946	1.10E-05
	29 ALL	669698	4340946	1.25E-05
	30 ALL	669919.3	4340946	6.91E-05
	31 ALL	670140.6	4340946	7.55E-05
	32 ALL	670361.9	4340946	8.64E-05
	33 ALL	670583.2	4340946	8.58E-05
	34 ALL	670804.5	4340946	6.07E-05
	35 ALL	671025.8	4340946	5.08E-05
	36 ALL	671247.1	4340946	3.74E-05
	37 ALL	671468.4	4340946	3.76E-05
	38 ALL	671689.8	4340946	6.21E-05
	39 ALL	671911.1	4340946	6.94E-05
	40 ALL	672132.4	4340946	2.58E-05
	41 ALL	672353.7	4340946	3.76E-05
	42 ALL	672575	4340946	6.66E-05
	43 ALL	668148.8	4341111	5.88E-06
	44 ALL	668370.1	4341111	6.50E-06
	45 ALL	668591.4	4341111	7.31E-06
	46 ALL	668812.7	4341111	8.03E-06

Mitigated Acute Risk

47 ALL	669034	4341111	8.99E-06
48 ALL	669255.3	4341111	1.01E-05
49 ALL	669476.7	4341111	1.16E-05
50 ALL	669698	4341111	1.34E-05
51 ALL	669919.3	4341111	1.58E-05
52 ALL	670140.6	4341111	8.52E-05
53 ALL	670361.9	4341111	8.75E-05
54 ALL	670583.2	4341111	6.87E-05
55 ALL	670804.5	4341111	5.39E-05
56 ALL	671025.8	4341111	4.13E-05
57 ALL	671247.1	4341111	4.67E-05
58 ALL	671468.4	4341111	4.16E-05
59 ALL	671689.8	4341111	9.68E-05
60 ALL	671911.1	4341111	8.01E-05
61 ALL	672132.4	4341111	2.70E-05
62 ALL	672353.7	4341111	2.78E-05
63 ALL	672575	4341111	7.05E-05
64 ALL	668148.8	4341276	6.20E-06
65 ALL	668370.1	4341276	6.88E-06
66 ALL	668591.4	4341276	7.47E-06
67 ALL	668812.7	4341276	8.24E-06
68 ALL	669034	4341276	9.25E-06
69 ALL	669255.3	4341276	1.06E-05
70 ALL	669476.7	4341276	1.22E-05
71 ALL	669698	4341276	1.42E-05
72 ALL	669919.3	4341276	8.19E-05
73 ALL	670140.6	4341276	7.96E-05
74 ALL	670361.9	4341276	7.17E-05
75 ALL	670583.2	4341276	5.62E-05
76 ALL	670804.5	4341276	5.39E-05
77 ALL	671025.8	4341276	4.16E-05
78 ALL	671247.1	4341276	6.33E-05
79 ALL	671468.4	4341276	1.13E-04
80 ALL	671689.8	4341276	1.50E-04
81 ALL	671911.1	4341276	1.15E-04
82 ALL	672132.4	4341276	3.24E-05
83 ALL	672353.7	4341276	2.15E-05
84 ALL	672575	4341276	7.72E-05
85 ALL	668148.8	4341441	6.38E-06
86 ALL	668370.1	4341441	7.02E-06
87 ALL	668591.4	4341441	7.59E-06
88 ALL	668812.7	4341441	8.45E-06
89 ALL	669034	4341441	9.48E-06
90 ALL	669255.3	4341441	1.09E-05
91 ALL	669476.7	4341441	1.27E-05
92 ALL	669698	4341441	1.49E-05
93 ALL	669919.3	4341441	8.87E-05

Mitigated Acute Risk

94 ALL	670140.6	4341441	7.26E-05
95 ALL	670361.9	4341441	6.96E-05
96 ALL	670583.2	4341441	5.76E-05
97 ALL	670804.5	4341441	7.97E-05
98 ALL	671025.8	4341441	6.73E-05
99 ALL	671689.8	4341441	3.65E-05
100 ALL	671911.1	4341441	1.33E-04
101 ALL	672132.4	4341441	3.94E-05
102 ALL	672353.7	4341441	4.08E-05
103 ALL	672575	4341441	4.17E-05
104 ALL	668148.8	4341606	6.39E-06
105 ALL	668370.1	4341606	6.89E-06
106 ALL	668591.4	4341606	7.68E-06
107 ALL	668812.7	4341606	8.58E-06
108 ALL	669034	4341606	9.68E-06
109 ALL	669255.3	4341606	1.11E-05
110 ALL	669476.7	4341606	1.30E-05
111 ALL	669698	4341606	1.55E-05
112 ALL	669919.3	4341606	8.49E-05
113 ALL	670140.6	4341606	8.07E-05
114 ALL	670361.9	4341606	6.76E-05
115 ALL	670583.2	4341606	7.54E-05
116 ALL	670804.5	4341606	1.16E-04
117 ALL	671025.8	4341606	1.35E-04
118 ALL	671689.8	4341606	4.77E-05
119 ALL	671911.1	4341606	1.78E-04
120 ALL	672132.4	4341606	7.10E-05
121 ALL	672353.7	4341606	5.53E-05
122 ALL	672575	4341606	1.17E-05
123 ALL	668148.8	4341771	6.71E-06
124 ALL	668370.1	4341771	6.95E-06
125 ALL	668591.4	4341771	7.81E-06
126 ALL	668812.7	4341771	8.71E-06
127 ALL	669034	4341771	9.85E-06
128 ALL	669255.3	4341771	1.13E-05
129 ALL	669476.7	4341771	3.77E-05
130 ALL	669698	4341771	8.01E-05
131 ALL	669919.3	4341771	7.72E-05
132 ALL	670140.6	4341771	7.20E-05
133 ALL	670361.9	4341771	6.27E-05
134 ALL	670583.2	4341771	9.90E-05
135 ALL	670804.5	4341771	2.70E-04
136 ALL	671025.8	4341771	5.20E-04
137 ALL	671689.8	4341771	2.38E-04
138 ALL	671911.1	4341771	1.93E-04
139 ALL	672132.4	4341771	4.94E-05
140 ALL	672353.7	4341771	2.96E-05

Mitigated Acute Risk

141 ALL	672575	4341771	1.30E-05
142 ALL	668148.8	4341936	5.50E-06
143 ALL	668370.1	4341936	7.47E-06
144 ALL	668591.4	4341936	7.89E-06
145 ALL	668812.7	4341936	8.73E-06
146 ALL	669034	4341936	9.87E-06
147 ALL	669255.3	4341936	3.45E-05
148 ALL	669476.7	4341936	6.89E-05
149 ALL	669698	4341936	6.24E-05
150 ALL	669919.3	4341936	5.02E-05
151 ALL	670140.6	4341936	5.61E-05
152 ALL	670361.9	4341936	6.76E-05
153 ALL	670583.2	4341936	1.59E-04
154 ALL	670804.5	4341936	8.25E-05
155 ALL	671468.4	4341936	3.00E-04
156 ALL	671689.8	4341936	1.61E-04
157 ALL	671911.1	4341936	1.41E-04
158 ALL	672132.4	4341936	4.39E-05
159 ALL	672353.7	4341936	2.39E-05
160 ALL	672575	4341936	8.38E-05
161 ALL	668148.8	4342101	6.59E-06
162 ALL	668370.1	4342101	7.31E-06
163 ALL	668591.4	4342101	7.87E-06
164 ALL	668812.7	4342101	8.80E-06
165 ALL	669034	4342101	9.85E-06
166 ALL	669255.3	4342101	1.14E-05
167 ALL	669476.7	4342101	6.62E-05
168 ALL	669698	4342101	7.66E-05
169 ALL	669919.3	4342101	7.97E-05
170 ALL	670140.6	4342101	6.72E-05
171 ALL	670361.9	4342101	1.46E-04
172 ALL	670583.2	4342101	4.55E-05
173 ALL	671468.4	4342101	1.39E-04
174 ALL	671689.8	4342101	1.01E-04
175 ALL	671911.1	4342101	1.22E-04
176 ALL	672132.4	4342101	6.42E-05
177 ALL	672353.7	4342101	3.11E-05
178 ALL	672575	4342101	8.31E-05
179 ALL	668148.8	4342266	6.98E-06
180 ALL	668370.1	4342266	7.30E-06
181 ALL	668591.4	4342266	8.47E-06
182 ALL	668812.7	4342266	9.15E-06
183 ALL	669034	4342266	1.00E-05
184 ALL	669255.3	4342266	1.13E-05
185 ALL	669476.7	4342266	1.30E-05
186 ALL	669698	4342266	1.56E-05
187 ALL	669919.3	4342266	1.90E-05

Mitigated Acute Risk

188 ALL	670140.6	4342266	7.63E-05
189 ALL	670361.9	4342266	3.06E-05
190 ALL	670583.2	4342266	4.15E-05
191 ALL	670804.5	4342266	5.87E-05
192 ALL	671025.8	4342266	2.56E-04
193 ALL	671247.1	4342266	3.42E-04
194 ALL	671468.4	4342266	1.04E-04
195 ALL	671689.8	4342266	1.07E-04
196 ALL	671911.1	4342266	9.42E-05
197 ALL	672132.4	4342266	9.66E-05
198 ALL	672353.7	4342266	7.30E-05
199 ALL	672575	4342266	1.25E-05
200 ALL	668148.8	4342431	5.28E-06
201 ALL	668370.1	4342431	7.84E-06
202 ALL	668591.4	4342431	6.60E-06
203 ALL	668812.7	4342431	7.38E-06
204 ALL	669034	4342431	8.35E-06
205 ALL	669255.3	4342431	1.14E-05
206 ALL	669476.7	4342431	1.28E-05
207 ALL	669698	4342431	1.47E-05
208 ALL	669919.3	4342431	1.76E-05
209 ALL	670140.6	4342431	2.12E-05
210 ALL	670361.9	4342431	2.71E-05
211 ALL	670583.2	4342431	1.34E-04
212 ALL	670804.5	4342431	1.80E-04
213 ALL	671025.8	4342431	2.64E-04
214 ALL	671247.1	4342431	8.90E-05
215 ALL	671468.4	4342431	8.03E-05
216 ALL	671689.8	4342431	6.28E-05
217 ALL	671911.1	4342431	6.71E-05
218 ALL	672132.4	4342431	8.80E-05
219 ALL	672353.7	4342431	7.24E-05
220 ALL	672575	4342431	1.19E-05
221 ALL	668148.8	4342596	5.33E-06
222 ALL	668370.1	4342596	5.84E-06
223 ALL	668591.4	4342596	6.54E-06
224 ALL	668812.7	4342596	7.39E-06
225 ALL	669034	4342596	8.37E-06
226 ALL	669255.3	4342596	1.20E-05
227 ALL	669476.7	4342596	1.27E-05
228 ALL	669698	4342596	1.41E-05
229 ALL	669919.3	4342596	1.64E-05
230 ALL	670140.6	4342596	2.01E-05
231 ALL	670361.9	4342596	2.32E-05
232 ALL	670583.2	4342596	8.98E-05
233 ALL	670804.5	4342596	1.35E-04
234 ALL	671025.8	4342596	2.01E-04

Mitigated Acute Risk

235 ALL	671247.1	4342596	1.24E-04
236 ALL	671468.4	4342596	5.15E-05
237 ALL	671689.8	4342596	3.46E-05
238 ALL	671911.1	4342596	3.17E-05
239 ALL	672132.4	4342596	5.24E-05
240 ALL	672353.7	4342596	8.66E-05
241 ALL	672575	4342596	1.11E-05
242 ALL	668148.8	4342761	6.41E-06
243 ALL	668370.1	4342761	8.27E-06
244 ALL	668591.4	4342761	6.69E-06
245 ALL	668812.7	4342761	1.02E-05
246 ALL	669034	4342761	1.11E-05
247 ALL	669255.3	4342761	1.14E-05
248 ALL	669476.7	4342761	1.32E-05
249 ALL	669698	4342761	1.37E-05
250 ALL	669919.3	4342761	1.55E-05
251 ALL	670140.6	4342761	8.26E-05
252 ALL	670361.9	4342761	1.05E-04
253 ALL	670583.2	4342761	6.87E-05
254 ALL	670804.5	4342761	8.99E-05
255 ALL	671025.8	4342761	9.71E-05
256 ALL	671247.1	4342761	5.21E-05
257 ALL	671468.4	4342761	3.51E-05
258 ALL	671689.8	4342761	2.95E-05
259 ALL	671911.1	4342761	2.27E-05
260 ALL	672132.4	4342761	3.49E-05
261 ALL	672353.7	4342761	7.81E-05
262 ALL	672575	4342761	6.42E-05
263 ALL	668148.8	4342926	6.82E-06
264 ALL	668370.1	4342926	8.40E-06
265 ALL	668591.4	4342926	9.84E-06
266 ALL	668812.7	4342926	1.22E-05
267 ALL	669034	4342926	1.26E-05
268 ALL	669476.7	4342926	1.21E-05
269 ALL	669698	4342926	1.24E-05
270 ALL	669919.3	4342926	6.08E-05
271 ALL	670140.6	4342926	8.29E-05
272 ALL	670361.9	4342926	8.52E-05
273 ALL	670583.2	4342926	1.03E-04
274 ALL	670804.5	4342926	1.14E-04
275 ALL	671025.8	4342926	3.75E-05
276 ALL	671247.1	4342926	4.19E-05
277 ALL	671468.4	4342926	2.45E-05
278 ALL	671689.8	4342926	2.17E-05
279 ALL	671911.1	4342926	2.02E-05
280 ALL	672132.4	4342926	2.00E-05
281 ALL	672353.7	4342926	4.05E-05

Mitigated Acute Risk

282 ALL	672575	4342926	6.06E-05
283 ALL	668148.8	4343090	5.23E-06
284 ALL	668370.1	4343090	5.99E-06
285 ALL	668591.4	4343090	1.07E-05
286 ALL	669476.7	4343090	1.19E-05
287 ALL	669698	4343090	1.13E-05
288 ALL	669919.3	4343090	1.24E-05
289 ALL	670140.6	4343090	6.23E-05
290 ALL	670361.9	4343090	1.60E-05
291 ALL	670583.2	4343090	1.79E-05
292 ALL	670804.5	4343090	9.69E-05
293 ALL	671025.8	4343090	2.94E-05
294 ALL	671247.1	4343090	3.23E-05
295 ALL	671468.4	4343090	2.16E-05
296 ALL	671689.8	4343090	2.12E-05
297 ALL	671911.1	4343090	1.97E-05
298 ALL	672132.4	4343090	1.47E-05
299 ALL	672353.7	4343090	1.25E-05
300 ALL	672575	4343090	2.31E-05
301 ALL	668148.8	4343255	5.18E-06
302 ALL	668370.1	4343255	5.93E-06
303 ALL	668591.4	4343255	7.25E-06
304 ALL	669476.7	4343255	1.04E-05
305 ALL	669698	4343255	1.06E-05
306 ALL	669919.3	4343255	1.15E-05
307 ALL	670140.6	4343255	1.27E-05
308 ALL	670361.9	4343255	1.41E-05
309 ALL	670583.2	4343255	1.53E-05
310 ALL	670804.5	4343255	1.72E-05
311 ALL	671025.8	4343255	2.53E-05
312 ALL	671247.1	4343255	2.60E-05
313 ALL	671468.4	4343255	2.16E-05
314 ALL	671689.8	4343255	1.69E-05
315 ALL	671911.1	4343255	1.36E-05
316 ALL	672132.4	4343255	1.28E-05
317 ALL	672353.7	4343255	1.32E-05
318 ALL	672575	4343255	1.05E-05
319 ALL	668148.8	4343420	5.28E-06
320 ALL	668370.1	4343420	5.96E-06
321 ALL	668591.4	4343420	6.97E-06
322 ALL	668812.7	4343420	9.83E-06
323 ALL	669034	4343420	3.56E-05
324 ALL	669255.3	4343420	1.89E-05
325 ALL	669476.7	4343420	1.35E-05
326 ALL	669698	4343420	9.77E-06
327 ALL	669919.3	4343420	1.07E-05
328 ALL	670140.6	4343420	1.17E-05

Mitigated Acute Risk

329 ALL	670361.9	4343420	1.25E-05
330 ALL	670583.2	4343420	1.33E-05
331 ALL	670804.5	4343420	1.48E-05
332 ALL	671025.8	4343420	6.26E-05
333 ALL	671247.1	4343420	3.36E-05
334 ALL	671468.4	4343420	1.82E-05
335 ALL	671689.8	4343420	1.49E-05
336 ALL	671911.1	4343420	1.17E-05
337 ALL	672132.4	4343420	1.17E-05
338 ALL	672353.7	4343420	1.05E-05
339 ALL	672575	4343420	9.70E-06
340 ALL	668148.8	4343585	6.60E-06
341 ALL	668370.1	4343585	7.71E-06
342 ALL	668591.4	4343585	6.48E-06
343 ALL	668812.7	4343585	1.30E-05
344 ALL	669034	4343585	1.18E-05
345 ALL	669255.3	4343585	1.09E-05
346 ALL	669476.7	4343585	1.05E-05
347 ALL	669698	4343585	1.13E-05
348 ALL	669919.3	4343585	1.10E-05
349 ALL	670140.6	4343585	1.11E-05
350 ALL	670361.9	4343585	1.14E-05
351 ALL	670583.2	4343585	1.18E-05
352 ALL	670804.5	4343585	1.28E-05
353 ALL	671025.8	4343585	1.34E-05
354 ALL	671247.1	4343585	3.41E-05
355 ALL	671468.4	4343585	2.08E-05
356 ALL	671689.8	4343585	1.62E-05
357 ALL	671911.1	4343585	1.12E-05
358 ALL	672132.4	4343585	1.18E-05
359 ALL	672353.7	4343585	9.08E-06
360 ALL	672575	4343585	8.55E-06
361 ALL	668148.8	4343750	6.59E-06
362 ALL	668370.1	4343750	6.21E-06
363 ALL	668591.4	4343750	7.01E-06
364 ALL	668812.7	4343750	8.58E-06
365 ALL	669034	4343750	7.41E-06
366 ALL	669255.3	4343750	7.86E-06
367 ALL	669476.7	4343750	9.09E-06
368 ALL	669698	4343750	9.92E-06
369 ALL	669919.3	4343750	1.01E-05
370 ALL	670140.6	4343750	1.00E-05
371 ALL	670361.9	4343750	1.03E-05
372 ALL	670583.2	4343750	1.09E-05
373 ALL	670804.5	4343750	1.13E-05
374 ALL	671025.8	4343750	1.16E-05
375 ALL	671247.1	4343750	5.16E-05

Mitigated Acute Risk

376 ALL	671468.4	4343750	4.95E-05
377 ALL	671689.8	4343750	5.44E-05
378 ALL	671911.1	4343750	3.08E-05
379 ALL	672132.4	4343750	1.56E-05
380 ALL	672353.7	4343750	8.33E-06
381 ALL	672575	4343750	9.14E-06
382 ALL	668148.8	4343915	6.41E-06
383 ALL	668370.1	4343915	5.85E-06
384 ALL	668591.4	4343915	6.02E-06
385 ALL	668812.7	4343915	6.73E-06
386 ALL	669034	4343915	6.76E-06
387 ALL	669255.3	4343915	7.17E-06
388 ALL	669476.7	4343915	7.63E-06
389 ALL	669698	4343915	8.66E-06
390 ALL	669919.3	4343915	9.19E-06
391 ALL	670140.6	4343915	9.07E-06
392 ALL	670361.9	4343915	9.35E-06
393 ALL	670583.2	4343915	9.75E-06
394 ALL	670804.5	4343915	1.01E-05
395 ALL	671025.8	4343915	1.03E-05
396 ALL	671247.1	4343915	1.06E-05
397 ALL	671468.4	4343915	4.65E-05
398 ALL	671689.8	4343915	4.48E-05
399 ALL	671911.1	4343915	2.49E-05
400 ALL	672132.4	4343915	2.45E-05
401 ALL	672353.7	4343915	1.77E-05
402 ALL	672575	4343915	1.21E-05
403 ALL	668148.8	4344080	5.80E-06
404 ALL	668370.1	4344080	5.77E-06
405 ALL	668591.4	4344080	5.76E-06
406 ALL	668812.7	4344080	6.02E-06
407 ALL	669034	4344080	6.22E-06
408 ALL	669255.3	4344080	6.54E-06
409 ALL	669476.7	4344080	7.24E-06
410 ALL	669698	4344080	7.79E-06
411 ALL	669919.3	4344080	7.98E-06
412 ALL	670140.6	4344080	8.14E-06
413 ALL	670361.9	4344080	8.61E-06
414 ALL	670583.2	4344080	8.93E-06
415 ALL	670804.5	4344080	9.17E-06
416 ALL	671025.8	4344080	4.93E-05
417 ALL	671247.1	4344080	9.53E-06
418 ALL	671468.4	4344080	7.96E-06
419 ALL	671689.8	4344080	2.85E-05
420 ALL	671911.1	4344080	1.45E-05
421 ALL	672132.4	4344080	8.70E-06
422 ALL	672353.7	4344080	9.21E-06

Mitigated Acute Risk

423 ALL	672575	4344080	7.87E-06
424 ALL	671464.7	4342094	1.36E-04
425 ALL	671482.2	4342064	1.46E-04
426 ALL	671498.6	4342030	1.46E-04
427 ALL	671513.8	4341992	1.72E-04
428 ALL	671541.8	4341965	1.65E-04
429 ALL	671575.6	4341974	1.40E-04
430 ALL	671460.8	4342163	1.20E-04
431 ALL	671451	4342187	1.14E-04
432 ALL	671510.7	4342220	9.93E-05
433 ALL	671524.1	4342193	1.04E-04
434 ALL	671522.9	4342251	1.05E-04
435 ALL	671599.1	4342253	9.70E-05
436 ALL	671627.8	4342257	9.66E-05
437 ALL	671583.9	4342116	8.83E-05
438 ALL	671595.5	4342072	9.23E-05
439 ALL	671663.1	4342056	9.53E-05
440 ALL	671600.9	4342030	1.06E-04
441 ALL	671526.6	4342156	9.99E-05
442 ALL	671629	4342292	1.11E-04
443 ALL	671641.8	4341981	1.15E-04
444 ALL	671666.8	4342019	1.09E-04
445 ALL	671407.1	4342220	1.15E-04
446 ALL	671415.6	4342183	1.28E-04
447 ALL	671635.1	4341706	3.21E-04
448 ALL	671693.6	4341710	2.96E-04
449 ALL	671719.8	4341736	2.93E-04
450 ALL	671673.5	4341630	2.08E-04
451 ALL	671888	4341936	1.57E-04
452 ALL	671977.6	4341952	1.02E-04
453 ALL	672039.2	4341895	7.36E-05
454 ALL	671858.2	4341754	2.13E-04
455 ALL	671922.8	4341634	1.77E-04
456 ALL	671613.7	4341791	2.51E-04
457 ALL	671853.3	4341731	2.17E-04
458 ALL	671783.8	4341586	1.43E-04
459 ALL	671783.2	4341547	1.45E-04
460 ALL	671769.2	4341461	1.40E-04
461 ALL	671800.9	4341421	1.58E-04
462 ALL	671880.1	4341427	1.52E-04
463 ALL	672012.4	4341505	5.72E-05
464 ALL	672084.3	4341548	6.50E-05
465 ALL	671915.5	4341478	1.31E-04
466 ALL	671903.3	4341564	1.65E-04
467 ALL	671863.1	4341522	1.71E-04
468 ALL	671830.1	4341336	1.56E-04
469 ALL	671835.6	4341288	1.48E-04

Mitigated Acute Risk

470 ALL	671825.9	4341275	1.45E-04
471 ALL	672136.7	4341371	3.04E-05
472 ALL	671920.3	4341307	1.02E-04
473 ALL	671695.4	4341257	1.40E-04
474 ALL	671682	4341176	9.25E-05
475 ALL	671991.7	4341196	8.87E-05
476 ALL	672022.1	4341232	7.62E-05
477 ALL	671992.3	4341178	7.14E-05
478 ALL	671540.6	4341238	6.06E-05
479 ALL	671575.3	4341178	4.95E-05
480 ALL	671454.7	4341196	5.43E-05
481 ALL	671523.5	4341116	4.23E-05
482 ALL	671413.2	4341127	4.75E-05
483 ALL	671471.1	4341065	4.07E-05
484 ALL	671601.6	4341051	6.03E-05
485 ALL	671198.6	4341254	5.34E-05
486 ALL	671278.5	4341212	5.52E-05
487 ALL	671230.3	4341133	4.34E-05
488 ALL	671073.1	4341272	4.20E-05
489 ALL	671122.5	4341374	6.46E-05
490 ALL	671118.8	4341397	6.43E-05
491 ALL	670978.4	4341324	4.77E-05
492 ALL	670932.9	4341394	6.29E-05
493 ALL	670935.2	4341367	5.71E-05
494 ALL	671108	4340976	4.33E-05
495 ALL	671286.7	4340979	3.78E-05
496 ALL	671675.4	4342489	5.11E-05
497 ALL	671091.4	4342277	2.89E-04
498 ALL	671051.8	4342332	2.03E-04
499 ALL	671051.8	4342369	2.24E-04
500 ALL	670953	4342361	2.09E-04
501 ALL	670695.7	4342236	5.41E-05
502 ALL	670545.5	4342319	3.83E-05
503 ALL	670711.7	4342488	1.52E-04
504 ALL	670648.3	4342502	1.27E-04
505 ALL	670648.3	4342631	6.09E-05
506 ALL	670806.3	4342728	9.11E-05
507 ALL	670688.2	4342739	5.40E-05
508 ALL	670804.9	4342428	1.75E-04
509 ALL	670439.5	4342472	2.88E-05
510 ALL	670358.4	4342579	2.34E-05
511 ALL	670546.6	4342662	1.02E-04
512 ALL	670537	4342595	1.08E-04
513 ALL	670483.5	4342777	8.92E-05
514 ALL	670508.2	4342755	8.82E-05
515 ALL	670517.8	4342869	8.56E-05
516 ALL	670545.3	4342851	7.53E-05

Mitigated Acute Risk

517 ALL	670582.4	4342878	8.29E-05
518 ALL	670304.9	4342689	7.95E-05
519 ALL	670039.7	4342661	1.78E-05
520 ALL	670156.5	4342673	1.85E-05
521 ALL	670236.2	4342649	1.99E-05
522 ALL	670071.3	4342738	1.65E-05
523 ALL	669990.2	4342753	1.59E-05
524 ALL	669928.4	4342742	1.58E-05
525 ALL	669815.8	4342673	1.51E-05
526 ALL	669743	4342656	1.45E-05
527 ALL	669791	4342745	1.45E-05
528 ALL	669696.3	4342731	1.37E-05
529 ALL	669536.9	4342553	1.31E-05
530 ALL	671174.9	4342280	3.72E-04
531 ALL	671068.4	4342170	4.56E-04
532 ALL	670965.7	4342179	1.00E-04
533 ALL	670815.5	4342198	6.94E-05
534 ALL	670737.6	4342098	6.08E-05
535 ALL	670762.3	4342069	6.54E-05
536 ALL	670817.4	4342041	7.72E-05
537 ALL	670895.4	4342025	1.00E-04
538 ALL	670979	4341915	1.45E-04
539 ALL	671115.9	4341864	3.09E-04
540 ALL	671199.6	4341771	2.50E-04
541 ALL	671222.4	4341377	9.90E-05
542 ALL	671714.8	4341392	1.70E-04
543 ALL	671366.9	4341999	9.11E-04
544 ALL	671226.2	4342236	4.32E-04
545 ALL	669098.4	4343412	3.44E-05
546 ALL	668908.6	4343365	1.44E-05
547 ALL	668851.5	4343360	1.13E-05
548 ALL	668831.4	4343371	1.05E-05
549 ALL	668733.9	4343302	8.65E-06
550 ALL	668686.9	4343200	1.25E-05
551 ALL	668671.8	4343089	1.19E-05
552 ALL	668806.2	4343002	1.28E-05
553 ALL	668918.7	4343025	1.43E-05
554 ALL	669024.5	4342943	1.34E-05
555 ALL	669288.2	4342916	1.21E-05
556 ALL	669333.6	4342923	1.22E-05
557 ALL	669365.5	4342978	1.26E-05
558 ALL	669337	4343151	1.46E-05
559 ALL	669303.4	4343304	1.51E-05
560 ALL	669222.7	4343235	2.05E-05
561 ALL	669135.4	4343306	1.98E-05

APPENDIX C

Health Effects from Criteria Air Pollutants Associated with the Idaho-Maryland Mine Project

MEMORANDUM

To: Memorandum to File
From: Matthew Morales; Jennifer Reed; Dudek
Subject: Health Effects from Criteria Air Pollutants Associated with the Idaho-Maryland Mine Project
Date: February 27, 2020

1 Purpose and Introduction

In response to the California Supreme Court's *Sierra Club v. County of Fresno* (2018) 6 Cal. 5th 502 decision (referred to herein as the Friant Ranch decision), this memorandum addresses the potential for adverse health effects related to emissions of criteria air pollutants associated with construction and operation of the proposed Idaho-Maryland Mine Project (proposed project), based on scientific information and technological methods available at the time of this memorandum's preparation. The published Friant Ranch decision (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences, and contains the following direction from the California Supreme Court: "The Environmental Impact Report (EIR) must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (*Italics original.*) (*Sierra Club v. County of Fresno* 2018.)

As discussed below, at the time of this memorandum's preparation, no expert agency, including the Northern Sierra Air Quality Management District (NSAQMD), the California Air Resources Board (CARB), or the U.S. Environmental Protection Agency (EPA), has approved a quantitative method to reliably, meaningfully, and consistently translate the mass emission estimates for the criteria air pollutants resulting from the proposed project to specific health effects. No California air district or other expert agency/entity has published *quantitative* guidance on how to address the Friant Ranch decision.¹ However, in April 2019, the Sacramento Metropolitan Air Quality Management District (SMAQMD) published an Interim Recommendation on implementing the Friant Ranch decision in the review and analysis of proposed projects under the California Environmental Quality Act (CEQA) in Sacramento County. The SMAQMD Interim Recommendation, which does not endorse use of any quantitative methodology, is summarized in Section 4, Scientific and Technological Complexities.

Nonetheless, following the Supreme Court's Friant Ranch decision, some EIRs where estimated criteria air pollutant emissions exceeded applicable air district thresholds have included a quantitative analysis of potential project-

¹ The following air districts, state agencies and entities were contacted by Dudek in January 2019, which could not provide guidance on how to proceed in response to the Friant Ranch decision at that time: San Diego Air Pollution Control District (APCD), Mojave Desert Air Quality Management District (AQMD), South Coast AQMD, San Joaquin Valley APCD, Santa Barbara County APCD, San Luis Obispo County APCD, Bay Area AQMD, CARB, California Office of Planning and Research, California Air Pollution Control Officers Association, and Office of Environmental Health Hazard Assessment.

generated health effects using a combination of a regional photochemical grid model (PGM) and the EPA Benefits Mapping and Analysis Program (BenMAP or BenMAP–Community Edition (CE)). The publicly available health impact assessments (HIA) typically present results in terms of an increase in health incidences and/or the increase in background health incidences for various health outcomes resulting from the project's estimated increase in concentrations of ozone (O₃) and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}). To date, all of the HIAs that are publicly available have concluded that the evaluated project's health effects associated with the estimated project-generated increase in concentrations of O₃ and PM_{2.5} represent a small increase in incidences and a very small percent of the number of background incidences, indicating that these health impacts are negligible and potentially within the models' margin of error. A review of the publicly available HIAs in CEQA documents is provided in Section 4.

2 National and California Ambient Air Quality Standards

As discussed in Section 2, Air Quality, of the proposed project's Air Quality and Greenhouse Gas Technical Report (AQ-GHG Technical Report), ambient air quality standards (AAQS) define clean air, and are established to protect even the most sensitive individuals (CARB 2019a). An AAQS defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. The EPA and CARB are both authorized to set AAQS.

The Clean Air Act Amendments of 1970 instruct the EPA to set primary National AAQS (NAAQS) to protect public health, and secondary NAAQS to protect plants, forests, crops and materials from damage due to exposure to the following criteria air pollutants: O₃, nitrogen dioxide (NO₂), carbon monoxide (CO), sulfur dioxide (SO₂), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀), PM_{2.5}, and lead.

The federal Clean Air Act requires that the EPA reassess, at least every five years, whether adopted standards are adequate to protect public health based on current scientific evidence. The EPA is required to rely on the advice of an independent scientific panel, the Clean Air Scientific Advisory Committee. Reviewing the NAAQS is a lengthy undertaking and includes the following major phases: planning, integrated science assessment, risk/exposure assessment, policy assessment, and rulemaking (EPA 2018a). During the integrated science assessment, a comprehensive review, synthesis, and evaluation of the most policy-relevant science is conducted, including key science judgments that are important to inform the development of the risk and exposure assessments (EPA 2018a). Then, the risk/exposure assessment draws upon information and conclusions presented in the integrated science assessment to develop quantitative characterizations of exposures and associated risks to human health or the environment associated with recent air quality conditions and with air quality estimated to just meet the current or alternative standard(s) under consideration (EPA 2018a). Scientific review during policy assessment development, and the NAAQS review process in general, is thorough and extensive.

In 1959, California enacted legislation requiring the state Department of Public Health to establish AAQS and necessary controls for motor vehicle emissions (CARB 2019b). California's AAQS (CAAQS) were adopted in 1971 (CARB 2019b). The CAAQS are established for O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5}, as well as hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles.

Air quality standard setting in California commences with a critical review of all relevant peer reviewed scientific literature. The Office of Environmental Health Hazard Assessment (OEHHA) uses the review of health literature to develop a recommendation for the standard. The recommendation can be for no change, or can recommend a new

standard. The review, including the OEHHA recommendation, is summarized in a document called the draft Initial Statement of Reasons (ISOR), which is released for comment by the public, and also for public peer review by the Air Quality Advisory Committee (AQAC). AQAC members are appointed by the President of the University of California for their expertise in the range of subjects covered in the ISOR, including health, exposure, air quality monitoring, atmospheric chemistry and physics, and effects on plants, trees, materials, and ecosystems. The Committee provides written comments on the draft ISOR. CARB staff next revises the ISOR based on comments from AQAC and the public. The revised ISOR is then released for a 45-day public comment period prior to consideration by the Board of CARB at a regularly scheduled Board hearing (CARB 2017a).

Federal law requires that all states attain the NAAQS. Failure of a state to reach attainment of the NAAQS by the target date can trigger penalties, including withholding of federal highway funds (CARB 2019b). California law similarly continues to mandate CAAQS, although attainment of the NAAQS has precedence over attainment of the CAAQS (CARB 2019b).

Of importance to this memorandum, California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an AAQS is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the AAQS, this means that the thresholds established by air districts are also protective of human health. The particular thresholds of relevance to the proposed project are illustrated in Table 3, Northern Sierra Air Quality Management District Emission Significance Thresholds, of the AQ-GHG Technical Report. Because O₃ is not emitted directly, air districts have established emissions-based thresholds for O₃ precursors—reactive organic gases (ROG) and oxides of nitrogen (NO_x)—which are intended to serve as a surrogate for an “O₃ significance threshold” (i.e., the potential for adverse O₃ impacts to occur).

The NAAQS and CAAQS for O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5} are presented in Table 1. Hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles are not addressed further in this evaluation because they are not routinely associated with land use development projects subject to CEQA review, and are thus not presented in Table 1.²

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ^a	National Standards ^b	
		Concentration ^c	Primary ^{c,d}	Secondary ^{c,e}
O ₃	1 hour	0.09 ppm (180 µg/m ³)	—	Same as Primary Standard ^f
	8 hours	0.070 ppm (137 µg/m ³)	0.070 ppm (137 µg/m ³) ^f	
NO ₂ ^g	1 hour	0.18 ppm (339 µg/m ³)	0.100 ppm (188 µg/m ³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)	0.053 ppm (100 µg/m ³)	
CO	1 hour	20 ppm (23 mg/m ³)	35 ppm (40 mg/m ³)	None
	8 hours	9.0 ppm (10 mg/m ³)	9 ppm (10 mg/m ³)	

² Ambient Air Quality Standards table is provided as Table 1 in the AQ-GHG Technical Report.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ^a	National Standards ^b	
		Concentration ^c	Primary ^{c,d}	Secondary ^{c,e}
SO ₂ ^h	1 hour	0.25 ppm (655 µg/m ³)	0.075 ppm (196 µg/m ³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m ³)
	24 hours	0.04 ppm (105 µg/m ³)	0.14 ppm (for certain areas) ^g	—
	Annual	—	0.030 ppm (for certain areas) ^g	—
PM ₁₀ ⁱ	24 hours	50 µg/m ³	150 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m ³	—	
PM _{2.5} ⁱ	24 hours	—	35 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m ³	12.0 µg/m ³	15.0 µg/m ³

Source: CARB 2016.

Notes: µg/m³ = micrograms per cubic meter; mg/m³ = milligrams per cubic meter; ppm = parts per million by volume; O₃ = ozone; NO₂ = nitrogen dioxide; CO = carbon monoxide; SO₂ = sulfur dioxide; PM₁₀ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; PM_{2.5} = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

^a California standards for O₃, CO, SO₂ (1-hour and 24-hour), NO₂, suspended particulate matter (PM₁₀, PM_{2.5}), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

^b National standards (other than O₃, NO₂, SO₂, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O₃ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For PM_{2.5}, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

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

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

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

^f On October 1, 2015, the national 8-hour O₃ primary and secondary standards were lowered from 0.075 to 0.070 ppm.

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

^h On June 2, 2010, a new 1-hour SO₂ standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

ⁱ CARB adopted new PM standards in June of 2002, responding to requirements of the Children's Environmental Health Protection Act (Senate Bill 25, Escutia 1999), specifically the evaluation of all health-based AAQS to determine if the standards adequately protect human health, particularly that of infants and children. The subsequent review of the PM standards resulted in the recommendation of more health-protective AAQS for PM₁₀ and a new standard for PM_{2.5}. The new PM standards became effective in 2003. Upon further review, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³ on December 14, 2012. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

Pursuant to the 1990 Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as “attainment” or “nonattainment” for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as “attainment” for that pollutant. If an area exceeds the standard, the area is classified as “nonattainment” for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as “unclassified” or “unclassifiable.” The designation of “unclassifiable/attainment” means that the area meets the standard or is expected to meet the standard despite a lack of monitoring data. Nonattainment areas must develop plans to attain the NAAQS. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as “attainment” or “nonattainment,” but based on CAAQS rather than NAAQS.

The western portion of Nevada County is currently designated by the EPA as a “Moderate” nonattainment area for the federal 8-hour O₃ standard (EPA 2018b). However, the NSAQMD prepared and submitted the Ozone Attainment Plan Western Nevada County – State Implementation Plan for the 2008 Primary Federal 8-Hour Ozone Standard of 0.075 ppm (Ozone Attainment Plan) (NSAQMD 2018) to the EPA to request voluntary reclassification as a “Serious” nonattainment area, and revise the attainment date to December 31, 2021. Additionally, CARB has designated Nevada County as a nonattainment area for the state O₃ and PM₁₀ standards (CARB 2019c). The County is designated as unclassified or attainment by the EPA and CARB for all other criteria air pollutants. As the NSAQMD develops and implements plans and control measures designed to attain the AAQS, the NSAQMD implements measures to reduce public health effects associated with criteria air pollutants.

3 Health Effects of Criteria Air Pollutants and their Precursors

Numerous scientific studies published over the past 50 years point to the harmful effects of air pollution (CARB 2019b). As explained above, the AAQS are designed to prevent these effects (CARB 2019b). The adverse health effects associated with air pollution are diverse and include (SCAQMD 2017):

- Premature mortality
- Cardiovascular effects
- Increased health care utilization (hospitalization, physician and emergency room visits)
- Increased respiratory illness and other morbidity (symptoms, infections, and asthma exacerbation)
- Decreased lung function (breathing capacity)
- Lung inflammation
- Potential immunological changes
- Increased airway reactivity to a known pharmacological agent exposure - a method used in laboratories to evaluate the tendency of airways to have an increased possibility of developing an asthmatic response
- A decreased tolerance for exercise
- Adverse birth outcomes such as low birth weights

The evidence linking these effects to air pollutants is derived from population-based observational and field studies (epidemiological) as well as controlled laboratory studies involving human subjects and animals. There have been an increasing number of studies focusing on the mechanisms (that is, on learning how specific organs, cell types,

and biomarkers are involved in the human body's response to air pollution) and specific pollutants responsible for individual effects. Yet the underlying biological pathways for these effects are not always clearly understood (SCAQMD 2017).

Although individuals inhale pollutants as a mixture under ambient conditions, the regulatory framework and the control measures developed are pollutant-specific for six major outdoor pollutants covered under Sections 108 and 109 of the Clean Air Act. This is appropriate, in that different pollutants usually differ in their sources, their times and places of occurrence, the kinds of health effects they may cause, and their overall levels of health risk. Different pollutants, from the same or different sources, oftentimes occur together. Evidence for more than additive effects has not been strong and, as a practical matter, health scientists, as well as regulatory officials, usually must deal with one pollutant at a time in adopting AAQS (SCAQMD 2017).

Health effects associated with criteria air pollutants are discussed below; the same or similar information is provided in Section 2.1.2, Pollutants and Effects, of the AQ-GHG Technical Report prepared for the project.

Ozone (O₃). O₃ in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, respiratory symptoms, worsening of lung disease leading to premature death, increased susceptibility to infections, inflammation of and damage to the lung tissue, and some immunological changes (EPA 2013, CARB 2019d). These health problems are particularly acute in sensitive receptors such as the sick, older adults, and young children.

Inhalation of O₃ causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O₃ can reduce the volume of air that the lungs breathe in and cause shortness of breath. O₃ in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O₃ exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O₃ exposure. While there are relatively few studies of O₃'s effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O₃ and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O₃ concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019d).

A number of population groups are potentially at increased risk for O₃ exposure effects. In the ongoing review of O₃, the EPA has identified populations as having adequate evidence for increased risk from O₃ exposures include individuals with asthma, younger and older age groups, individuals with reduced intake of certain nutrients such as Vitamins C and E, and outdoor workers. There is suggestive evidence for other potential factors, such as variations in genes related to oxidative metabolism or inflammation, gender, socioeconomic status, and obesity. However further evidence is needed (SCAQMD 2017).

The adverse effects reported with short-term O₃ exposure are greater with increased activity because activity increases the breathing rate and the volume of air reaching the lungs, resulting in an increased amount of O₃ reaching the lungs. Children may be a particularly vulnerable population to air pollution effects because they spend more time outdoors, are generally more active, and have a higher specific ventilation relative to their body weight, compared to adults (SCAQMD 2017).

Reactive Organic Gases (ROG). The primary health effects of ROG result from the formation of O₃ and its related health effects. High levels of ROG in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered toxic air contaminants (TACs). There are no separate health standards for ROG as a group. Within this evaluation, ROG and volatile organic compounds (VOCs) are used interchangeably.

Nitrogen Dioxide (NO₂). A large body of health science literature indicates that exposure to NO₂ can induce adverse health effects. The strongest health evidence, and the health basis for the AAQS for NO₂, is results from controlled human exposure studies that show that NO₂ exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO₂ exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO₂ than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO₂ exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019e).

Carbon Monoxide (CO). Carbon monoxide is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness, dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019f).

Sulfur Dioxide (SO₂). SO₂ is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter (PM), SO₂ can injure lung tissue and reduce visibility and the level of sunlight. SO₂ can worsen asthma resulting in increased symptoms, increased medication usage, and emergency room visits.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO₂ exposure, compared with the non-asthmatic population. Effects at levels near the one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical

activity. Also, exposure at elevated levels of SO₂ (above 1 parts per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019g).

SO₂ is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO₂-induced increase in resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO₂ is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter (PM₁₀ and PM_{2.5}). A number of adverse health effects have been associated with exposure to both PM_{2.5} and PM₁₀. For PM_{2.5}, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, PM_{2.5} is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM₁₀ have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017b).

Long-term (months to years) exposure to PM_{2.5} has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM₁₀ are less clear, although several studies suggest a link between long-term PM₁₀ exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2017b).

People with influenza, people with chronic respiratory and cardiovascular diseases, and older adults may suffer worsening illness and premature death as a result of breathing PM. People with bronchitis can expect aggravated symptoms from breathing PM. Children may experience a decline in lung function due to breathing in PM₁₀ and PM_{2.5} (EPA 2009).

PM encompasses a physically and chemically diverse class of ambient air pollutants of both anthropogenic and biological origin. The PM standard is the only NAAQS that does not target a specific chemical or family of chemical species (NRC 2005). The range of human health effects associated with ambient PM levels or demonstrated in laboratory studies has expanded from earlier concerns for total mortality and respiratory morbidity to include cardiac mortality and morbidity, blood vessel constriction, stroke, premature birth, low birth weight, retarded lung growth, enhancement of allergic responses, reduced resistance to infection, degenerative lesions in the brain, and lung cancer (EPA 2004).

4 Scientific and Technological Complexities

At issue in the Friant Ranch decision was the fact that a development project's EIR did not connect its mass emission totals to specific adverse human health effects. Concerned with the sufficiency of the EIR as an

informational document, and specifically whether the magnitude of project impacts was adequately disclosed, the California Supreme Court stated the following:

“The task for real party and the County is clear: The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must adequately explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further.” (Sierra Club v. County of Fresno 2018; italics original)

As discussed further below, at the time of this writing, no available modeling tools have been proven to provide a reliable and meaningful analysis to correlate an increase in mass totals or concentrations of criteria air pollutants from an individual project to specific health effects, or estimate additional pollutant nonattainment days relative to the NAAQS and CAAQS due to a single project.

Formation of Secondary Pollutants

The California Supreme Court noted, in the Friant Ranch decision, that: “The raw numbers estimating the tons per year of ROG and NO_x from the Project do not give any information to the reader about how much ozone is estimated to be produced as a result.”

In response, the formation of O₃ and PM in the atmosphere, as secondary pollutants,³ involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources, as further explained below. The complexity in how secondary pollutants are formed and dispersed has resulted in ongoing difficulties in measuring and regulating those pollutants.

Tropospheric, or ground level O₃, is not emitted directly into the air, but is created by chemical reactions between NO_x and VOCs (EPA 2018c). This happens when pollutants emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources chemically react in the presence of sunlight (EPA 2018c). O₃ is most likely to reach unhealthy levels on hot sunny days in urban environments, but can still reach high levels during colder months (EPA 2018c). O₃ can also be transported long distances by wind, so even rural areas can experience high O₃ levels (EPA 2018c).

The O₃ reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO₂ is photochemically reformed from nitric oxide (NO). In this way, O₃ is controlled by both NO_x and VOC emissions (NRC 2005). The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O₃ (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O₃ concentrations to which downwind populations may be exposed (NRC 2005). This is especially true for individual projects, like the proposed project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from off-road equipment, mobile sources (cars and trucks) driving to, from and around the project area and area sources (consumer products, architectural coating, etc.).

In many urban areas, O₃ nonattainment is not caused by emissions from the local area alone (EPA 2008). Due to atmospheric transport, contributions of precursors from the surrounding region can also be important (EPA 2008,

³ Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

O₃ NAAQS). Thus, in designing control strategies to reduce O₃ concentrations in a local area, it is often necessary to account for regional transport within the U.S. (EPA 2008). In some areas, such as California, global transport of O₃ from beyond North America also can contribute to nonattainment areas (EPA 2008).

PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O₃, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). In general, PM₁₀ is composed largely of primary particles, and a much greater portion of PM_{2.5} contains secondary particles (EPA 2015b). The secondary formation of PM_{2.5} is dominated by a variety of chemical species or components of atmospheric particles, such as ammonium sulfate, ammonium nitrate, organic carbon mass, elemental carbon, and other soil compounds and oxidized metals. PM_{2.5}, sulfate, nitrate, and ammonium ions are predominantly the result of chemical reactions of the oxidized products of SO₂ and NO_x emissions with direct ammonia emission (EPA 2017a). Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015).

Because of the long-range transport of some pollutants, important emission sources may be far from the locations where measured pollutant concentrations exceed the AAQS (NRC 2005). Thus, for areas experiencing higher ambient concentrations of pollutants, such as O₃ and PM, controlling emissions of those pollutants and their precursors is typically a regional, often multistate, problem, not a local one (NRC 2005).

San Joaquin Valley Air Pollution Control District and South Coast Air Quality Management District Briefs

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, the San Joaquin Valley Air Pollution Control District (SJVAPCD) and the South Coast Air Quality Management District (SCAQMD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both the SJVAPCD and the SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in the State. While the information and arguments presented in those briefs was considered by the California Supreme Court, the Court noted that such information was not part of the administrative record associated with the County's decision to approve the Friant Ranch project. A summary of the key, relevant points of the SJVAPCD and SCAQMD briefs is provided below.

Difference between Toxic Air Contaminants and Criteria Air Pollutants

As explained in Section 2.1.2.2, Non-Criteria Air Pollutants, of the AQ-GHG Technical Report, a TAC is an air pollutant, identified in regulation by CARB, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health. TACs are considered under a different regulatory process (California Health and Safety Code section 39650 et seq.) than pollutants subject to CAAQS and NAAQS. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects. A criteria air pollutant, on the other hand, is an air pollutant for which acceptable levels of exposure can be determined and for which an AAQS has been set (CARB 2019h).

As the SJVAPCD explained in their brief, "Although criteria air pollutants can also be harmful to human health, they are distinguishable from TACs and are regulated separately. The most relevant difference between criteria pollutants and TACs for purposes of this case is the manner in which human health impacts are accounted for.

While it is common practice to analyze the correlation between an individual facility's TAC emissions and the expected localized human health impacts, such is not the case for criteria pollutants" (SJVAPCD 2015). Unlike with TACs (where assessment occurs in conjunction with environmental analysis for individual projects), the human health impacts associated with criteria air pollutants are analyzed and taken into consideration when EPA sets the NAAQS for each criteria pollutant. (42 U.S.C. § 7409(b)(1).) The health impact of a particular criteria pollutant is analyzed on a regional and not a facility or individual project level based on how close the area is to complying with (attaining) the NAAQS (SJVAPCD 2015). The SJVAPCD concluded that while it is possible to perform a health impact analysis for TACs, which was done for construction and operations of the proposed project (see Section 2.5.3 Threshold AQ-3), "it is not feasible to conduct a similar analysis for criteria air pollutants because currently available computer modeling tools are not equipped for this task" (SJVAPCD 2015).

Disconnect Between Mass and Concentration

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O₃ are correlated with increases in the ambient level of O₃ in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O₃ levels over an entire region (SCAQMD 2015).

For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the AAQS, even if a project exceeds established CEQA significance thresholds, this does not mean that one can easily determine the concentration of O₃ or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

As the SJVAPCD points out, the tonnage of PM "emitted does not always equate to the local PM concentration because it can be transported long distances by wind," and "[s]econdary PM, like O₃, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SO_x) and NO_x," meaning that "the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area" (SJVAPCD 2015). The disconnect between the tonnage of precursor pollutants (NO_x, SO_x and VOCs) and the concentration of O₃ or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting O₃ or PM (SJVAPCD 2015). As discussed previously, the AAQS are established as concentrations of O₃ or PM and not as tonnages of their precursor pollutants (SJVAPCD 2015). The disconnect between the amount of precursor pollutants and the concentration of O₃ or PM formed makes it difficult to determine potential health impacts, which are related to the concentration of O₃ and PM experienced by the receptor rather than levels of NO_x, SO_x, and VOCs produced by a source (SJVAPCD 2015).

As discussed above, attainment of a particular AAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region (SJVAPCD 2015). Because the AAQS are focused on achieving a particular concentration of pollution region-wide, an air district's tools and plans for attaining the AAQS are regional in nature (SJVAPCD 2015). For instance, the computer models used to simulate and predict an attainment date for the O₃ or PM NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO_x, SO_x and VOCs) and the atmospheric chemistry and

meteorology of the San Joaquin Valley (SJVAPCD 2015). At a very basic level, the models simulate future O₃ or PM levels based on predicted changes in precursor emissions San Joaquin Valley Air Basin-wide (SJVAPCD 2015). Because the AAQS are set levels necessary to protect human health, the closer a region is to attaining a particular AAQS, the lower the human health impact is from that pollutant (SJVAPCD 2015).

The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the San Joaquin Valley Air Basin attains the AAQS (SJVAPCD 2015). Rather, the SJVAPCD's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the San Joaquin Valley Air Basin (current and future) must be controlled in order to reach attainment (SJVAPCD 2015).

Correlation to Health Effects

The SJVAPCD ties the difficulty of correlating the emission of criteria pollutants to health impacts to how O₃ and PM are formed, as explained above. According to SJVAPCD, "even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like O₃ and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact [because] such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level" (SJVAPCD 2015).

SCAQMD used O₃, which is formed from the chemical reaction of NO_x and VOCs in the presence of sunlight, as an example of why it is impracticable to determine specific health outcomes from criteria pollutants for all but very large, regional-scale projects. First, forming O₃ "takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources" (SCAQMD 2015). Second, "it takes a large amount of additional precursor emissions (NO_x and VOCs) to cause a modeled increase in ambient ozone levels over an entire region," with a 2012 study showing that "reducing NO_x by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD's monitor site with the highest levels by only 9 parts per billion" (SCAQMD 2015). SCAQMD thus concludes that it "does not currently know of a way to accurately quantify O₃-related health impacts caused by NO_x or VOC emissions from relatively small projects" (SCAQMD 2015).

Essentially, SCAQMD takes the position that a project emitting only 10 tons per year of NO_x or VOC is small enough that its regional impact on ambient O₃ levels may not be detected in the regional air quality models that are currently used to determine O₃ levels; thus, in this case it would not be feasible to directly correlate project emissions of VOC or NO_x with specific health impacts from O₃ (SCAQMD 2015). Therefore, lead agencies that use SCAQMD's thresholds of significance may determine that many projects have "significant" air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts.

Effects on Number of Nonattainment Days

In regard to regional concentrations and air basin attainment, the SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan, is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin, but are constantly fluctuating

based upon meteorology and other environmental factors. As discussed above, the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that, “Running the photochemical grid model used for predicting O₃ attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and ROG in the Valley) is not likely to yield valid information given the relative scale involved” (SJVAPCD 2015).

Sacramento Metropolitan Air Quality Management District Interim Recommendation

As previously discussed, the SMAQMD is to date the only California air district to formally release guidance (Interim Recommendation, April 2019) for lead agencies and practitioners preparing CEQA documents for projects within Sacramento County to comply with the Friant Ranch decision. Consistent with the expert opinions submitted to the Court in Friant Ranch by SJVAPCD and SCAQMD, the SMAQMD guidance confirms the absence of an acceptable or reliable quantitative methodology that would correlate the expected criteria air pollutant emissions of projects to the likely health consequences to people from project-generated criteria air pollutant emissions. The SMAQMD guidance explains that while it is in the process of developing a methodology to assess these impacts, lead agencies should follow the Friant Court’s advice to explain in meaningful detail why this analysis is not yet feasible.

The Interim Recommendation further states that, “neither the Sac Metro Air District nor any other air district currently have methodologies that would provide Lead Agencies and CEQA practitioners with a consistent, reliable, and meaningful analysis to correlate specific health impacts that may result from a proposed project’s mass emissions” (SMAQMD 2019). The recommendation further explains that air districts have focused on reducing regional emissions from all sectors to meet the health-based concentration standards, thereby reducing the pollutant-specific health impacts for the entire population. For example, the SMAQMD prepared plans to attain and maintain the O₃ and PM AAQS. These attainment plans include emissions inventories, air monitoring data, control measures, modeling, future pollutant-level estimates, and general health information. Attainment planning models rely on regional inputs to determine O₃ and PM formation and concentrations in a regional context, not a project-specific context. Because of the complexity of O₃ formation, the pounds or tons of emissions from a proposed project in a specific geographical location does not equate to a specific concentration of O₃ formation in a given area, because in addition to emission levels, O₃ formation is affected by atmospheric chemistry, geography, and weather. Secondary formation of PM is very similar to the complexity of O₃ formation, and localized impacts of directly emitted PM do not always equate to local PM concentrations due to transport of emissions. Accordingly, because air district attainment plans and supporting air model tools are regional in nature, they do not allow for analysis of the health impacts of specific projects on any given geographic location. The Interim Recommendation also references available health-related information, but indicates that the available information cannot be directly correlated to the pounds/day or tons/year of emissions estimated from a single proposed project.

The Interim Recommendation is in place to assist lead agencies and practitioners with CEQA document preparation until SMAQMD develops a methodology that provides a consistent, reliable, and meaningful analysis to address the Court’s direction on correlating health impacts to a project’s emissions.

Methods Available

At the time of writing, no specific tools have been developed for use in CEQA documents to connect criteria air pollutant emissions from an individual project to specific health effects in response to Friant Ranch. However, it

has been demonstrated to be technically feasible to use existing regional models and an existing health effect modeling program to evaluate individual projects, which was conducted for a few projects in 2019. The following CEQA documents included a quantitative HIA to address Friant Ranch:

1. California State University Dominguez Hills 2018 Campus Master Plan EIR (CSUDH MP) (CSUDH 2019)
2. March Joint Powers Association K4 Warehouse and Cactus Channel Improvements EIR (March JPA K4) (March JPA 2019)
3. Mineta San Jose Airport Amendment to the Airport Master Plan EIR (San Jose Airport) (City of San Jose 2019)
4. Inglewood Basketball and Entertainment Center Project EIR (IBEC) (City of Inglewood 2019)

The first step in all of the four above-listed examples included running a regional PGM, such as the Community Multiscale Air Quality (CMAQ)⁴ model or the Comprehensive Air Quality Model with extensions (CAMx)⁵ to estimate the increase in concentrations of O₃ and PM_{2.5} as a result of project-generated emissions of criteria and precursor pollutants. Air districts, such as the SCAQMD, use photochemical air quality models for regional air quality planning. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere (EPA 2017b).

After estimating the increase in concentrations of O₃ and PM_{2.5}, the second step in the four examples includes use of BenMAP or BenMAP-CE to estimate the resulting associated health effects. BenMAP estimates the number of health incidences resulting from changes in air pollution concentrations (EPA 2018e). The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. While BenMAP can estimate the health effects of emissions of ROG, NO_x, CO, SO₂, and PM_{2.5}, O₃ and PM_{2.5} were determined to have the most critical health impacts and thus, were the pollutants evaluated to determine the project's health effects in three of the four examples (i.e., CSUDH MP, March JPA K4, and San Jose Airport). The current version of BenMAP-CE only has health impact functions associated with O₃ and PM_{2.5}, which is why the example HIA using BenMAP-CE only quantitatively addressed O₃- and PM_{2.5}-related health outcomes. As such, all example HIAs focused on O₃ and PM_{2.5}.

BenMAP outputs include O₃- and PM-related health endpoints such as premature mortality, hospital admissions, and emergency room visits (City of San Jose 2019). BenMAP uses the following simplified formula to relate changes in ambient air pollution to certain health endpoints (City of San Jose 2019):

$$\text{Health Effect} = \text{Air Quality Change} \times \text{Health Effect Estimate} \times \text{Exposed Population} \\ \times \text{Background Health Incidence}$$

⁴ The CMAQ modeling system includes state-of-the-science capabilities for conducting urban-to-regional-to-hemispheric scale simulations of multiple air quality issues, including tropospheric O₃, fine particles, TACs, acid deposition, and visibility degradation. CMAQ brings together three kinds of models: (1) meteorological models to represent atmospheric and weather activities, (2) emission models to represent man-made and naturally-occurring contributions to the atmosphere, and (3) an air chemistry-transport model to predict the atmospheric fate of air pollutants under varying conditions (EPA 2018d).

⁵ CAMx is a three-dimensional grid-based Eulerian air quality model designed to estimate the formation and fate of oxidant precursors, primary and secondary particulate matter concentrations, and deposition over regional and urban spatial scales (e.g., over the contiguous U.S.) (EPA 2015a).

Population characteristics are a key variable in the BenMAP estimate of health incidences. As such, small increases in emissions in an area with a high population may have a much greater affect than large increases in emissions over an area with a small population. While location and associated population is a key factor, making the four examples specific not only to the project-generated emissions, but also to the geographic location and underlying population estimates, the findings of the four examples are provided herein for context, particularly for the conclusions.

For the CSUDH MP, the proposed project retains the existing campus enrollment cap of 20,000 full-time-equivalent students, while providing a framework for development of the CSUDH's campus in a forward-looking manner that accommodates growth from the current enrollment of approximately 11,000 full-time-equivalent students to the maximum enrollment of 20,000 full-time-equivalent students over a planning horizon extending to 2035. The project is located within Los Angeles County within the SCAQMD jurisdictional boundaries (within the South Coast Air Basin). For context, the maximum daily emissions of relevant pollutants generated by the CSUDH MP were estimated to be 482.6 pounds per day of VOC, 240.1 pounds per day of NO_x, 2.7 pounds per day of SO_x, and 79.5 pounds per day of PM_{2.5}.

The CSUDH MP presented HIA results in terms of an increase in health incidences and the increase in background health incidence for various health outcomes referred to as endpoints. The background health incidence is the actual incidence of health effects as measured in the local population in the absence of additional emissions from the project (CSUDH 2019).

The two highest PM_{2.5}-related health outcomes attributed to the CSUDH MP project-related increases in ambient air concentrations included mortality (10.31 incidences per year, 0.0032% of background health incidence) and asthma-related emergency room visits (4.38 incidences per year, 0.0033% of background health incidence). The remaining health endpoints, including asthma-related hospital admissions, all cardiovascular-related hospital admissions (not including myocardial infarctions), all respiratory-related hospital admissions, and nonfatal acute myocardial infarction ranged from 0.00044 to 2.44 incidences per year (0.00047% to 0.0014% of background health incidence) (CSUDH 2019).

O₃-related health outcomes attributed to the CSUDH MP project-related increases in ambient air concentrations included respiratory-related hospital admissions (0.67 incidences per year, 0.00034% of background health incidence), mortality (0.28 incidences per year, 0.00013% of background health incidence), and asthma-related emergency room visits for any age range (lower than 3.38 incidences per year for all age groups, lower than 0.0058% percent in background health incidence for all age groups) (CSUDH 2019).

The CSUDH MP HIA then concluded that “for all these health endpoints, the number of estimated incidences is less than 0.0058% of the background health incidence. . . . When taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health impacts are negligible in a developed, urban environment” (CSUDH 2019). Of the four examples discussed herein, the CSUDH MP HIA estimated the highest health effects from PM_{2.5}; however, the associated health effect was determined to not be substantial.

The March JPA K4 project is also located within the SCAQMD jurisdictional boundaries (within the South Coast Air Basin), but within Riverside County. The proposed project involves the development of the five parcels on the 35.4-acre K4 Parcel with a 718,000-square-foot building conservatively assumed to be occupied by High-Cube ecommerce/fulfillment center use. The mitigated maximum daily operational emissions of relevant pollutants generated by the March JPA K4 were estimated to be 41.0 pounds per day of VOC, 253.0 pounds per day of NO_x,

1.4 pounds per day of SO_x, and 30.3 pounds per day of PM_{2.5}. The March HPA K4 HIA determined that “for all these health endpoints, the number of estimated incidences is less than 0.0042% of the baseline number of incidences,” and that “these health impacts are conservatively estimated, and the actual impacts may be zero” (March JPA 2019).

The San Jose Airport is located in Santa Clara County within the Bay Area Air Quality Management District (BAAQMD) jurisdictional boundaries (within the San Francisco Bay Area Air Basin). The San Jose Airport project includes amending the approved 2018 Airport Master Plan to (a) shift the planning horizon year from 2027 to 2037, (b) modify future facility requirements at the airport to reflect updated demand forecasts, and (c) modify certain components of the airfield to reduce the potential for runway incursions (City of San Jose 2019). The following emissions inventory was assumed for the HIA for San Jose Airport: 57.3 pounds per day of VOC, 5,643.0 pounds per day of NO_x, and 51.6 pounds per day of PM_{2.5}.

The San Jose Airport HIA estimated that the highest health endpoint from PM_{2.5} was mortality, at 4.46 incidences (0.0017% of background health incidence). All other PM_{2.5}-related health incidences ranged from 0.00022 to 1.89 (0.00027% to 0.0016% of background health incidence). For O₃-related health endpoints, the highest was emergency room visits for asthma, which was estimated to be 11.05 incidences (0.028% of background health incidence) for ages 0–17 and 14.59 incidences (0.019% of background health incidence) for ages 18–99 (City of San Jose 2019). Of the four examples discussed herein, the San Jose Airport resulted in the greatest O₃ incidences, which correlates with the estimated high emissions of O₃-precursors, specifically NO_x at 5,643 pounds per day. Nonetheless, the conclusion was that “when taken into context, the small increase in incidences and the very small percent of the number of background incidences indicate that these health impacts are negligible in a developed, urban environment” (City of San Jose 2019).

The IBEC project HIA provides another important data point for consideration. The IBEC project consists of an arena designed to host the LA Clippers basketball team with up to 18,000 fixed seats for National Basketball Association games and up to 500 additional temporary seats for events such as family shows, concerts, conventions, corporate events, and non-LA Clippers sporting events. The IBEC project is located within Los Angeles County within the jurisdictional boundaries of the SCAQMD (within the South Coast Air Basin). The IBEC EIR evaluated nine operational scenarios; across these multiple scenarios, the estimated maximum daily net increase in operational emissions of relevant pollutants was 94 pounds per day of VOC, 99 pounds per day of NO_x, 3 pounds per day of SO_x, and 89 pounds per day of PM_{2.5}.

The IBEC EIR analysis provided helpful context on using regional models for individual projects, as follows (City of Inglewood 2019):

Generally, models that correlate criteria air pollutant concentrations with specific health effects focus on regulatory decision-making that will apply throughout an entire air basin or region. These models focus on the region-wide health effects of pollutants so that regulators can assess the costs and benefits of adopting a proposed regulation that applies to an entire category of air pollutant sources, rather than the health effects related to emissions from a specific proposed project or source. Because of the scale of these analyses, any one project is likely to have only very small incremental effects which may be difficult to differentiate from the effects of air pollutant concentrations in an entire air basin. . . . For regional pollutants, it is difficult to trace a particular project’s criteria air pollutant emissions to a specific health effect. Moreover, the modeled results

may be misleading because the margin of error in such modeling is large enough that, even if the modeled results report a given health effect, the model is sufficiently imprecise that the actual effect may differ from the reported results; that is, the modeled results suggest precision, when in fact available models cannot be that precise on a project level.

For O₃-related health endpoints, emergency room visits for asthma was estimated to be 0.087 incidences per year for all studied age groups combined, 0.016 incidences per year of respiratory-related hospital admissions, and less than 0.02 incidences per year of mortality; the amount of estimated incremental health effects incidences is less than 0.0001% of the baseline number of health effects incidences in the study area.

A key finding from the IBEC HIA was that the for PM_{2.5}-related health endpoints, due to the very small changes in ambient PM_{2.5} concentrations as modeled by CMAQ, all of the estimated incremental health incidences were negative values. The IBEC HIA stated that this further confirms that the modeled PM_{2.5} concentrations are within the model's margin of error, no meaningful conclusions can be reached on the specific health effects that may be caused by the proposed project O₃ precursor and PM_{2.5} emissions, and health impacts may in fact be zero, and they would still be well within the models' margin of error (City of Inglewood 2019).

It is also important to note that while these results conclude that the project emissions do not result in a substantial increase in health incidences, the estimated emissions and assumed toxicity are also conservatively inputted into the HIA and thus, overestimate health incidences, particularly for PM_{2.5}. For example, as discussed in the San Jose Airport HIA (City of San Jose 2019),

The USEPA has also stated that results from various studies have shown the importance of considering particle size, composition, and particle source in determining the health impacts of PM. Further, USEPA found that studies have reported that particles from industrial sources and from coal combustion appear to be the most significant contributors to PM-related mortality, consistent with the findings by Rohr and Wyzga and others. This is particularly important to note here, as the majority of PM emissions generated from the Project are from entrained roadway dust, and not from combustion. Therefore, by not considering the relative toxicity of PM components, the results presented here are conservative.

As explained in the SJVAPCD brief and noted previously, running the PGM used for predicting O₃ attainment with the emissions solely from an individual project like the Friant Ranch project or the proposed project is not likely to yield valid information given the relative scale involved. The four examples discussed herein support the SJVAPCD's brief contention that consistent, reliable, and meaningful results may not be provided by methods applied at this time. Accordingly, additional work in the industry and more importantly, air district participation, is needed to develop a more meaningful analysis to correlate project-level mass criteria air pollutant emissions and health effects for decision makers and the public. Furthermore, at the time of writing, no HIA has concluded that health effects estimated using the PGM and BenMAP approach are substantial provided that the estimated project-generated incidences represent a very small percentage of the number of background incidences, potentially within the models' margin of error.

5 Evaluation of the Proposed Project's Health Effects

Based on the evaluation of methods available provided in Section 4, this evaluation does not attempt to quantify health effects, but builds upon the discussion provided in Sections 2 and 3 to disclose potential health effects associated with the proposed project. As explained in Section 2, the EPA and CARB have established AAQS at levels above which concentrations could be harmful to human health and welfare, with an adequate margin of safety. Further, California air districts (like NSAQMD) have established emission-based thresholds that provide project-level estimates of criteria air pollutant quantities that air basins can accommodate without affecting the attainment dates for the AAQS. Accordingly, elevated levels of criteria air pollutants as a result of a proposed project's emissions could cause adverse health effects associated with these pollutants.

In this case, ROG, NO_x, and PM₁₀ would be at either Level A or B and would be less-than-significant during all years of project construction and operation after mitigation. Because construction and operation of the project would not exceed the NSAQMD significance thresholds for ROG, NO_x, or PM₁₀, and because the NSAQMD thresholds are based on levels that the Mountain Counties Air Basin (MCAB) can accommodate without affecting the attainment date for the AAQS (the AAQS are established to protect public health and welfare), it is anticipated that the project would result in less-than-significant health effects associated with ROG, NO_x, and PM₁₀ during normal operations.

Health effects that result from NO_x (including NO₂) include respiratory irritation. NO_x emissions from project construction and operation would be at Level B. Construction and operation of the project is not anticipated to contribute to exceedances of the NAAQS or CAAQS for NO₂ because the MCAB is designated as in attainment of the NAAQS and CAAQS for NO₂, and the existing NO₂ concentrations in the area are well below the NAAQS and CAAQS standards.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (See Section 3; CARB 2019i). CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed in Section 2.5.3, Threshold AQ-3, of the AQ-GHG Technical Report, and were determined to be a less-than-significant impact.

At the time of preparation of this memorandum, there are no modeling tools, as explained above, that can provide reliable and meaningful additional information regarding the potential health effects or potential for further nonattainment days from criteria air pollutants generated by the proposed project.

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APPENDIX D

CO Hotspots Analysis

APPENDIX D

CO Hotspots Screening Evaluation

To verify that the project would not cause or contribute to a violation of the CO standards, a screening evaluation of the potential for CO hotspots was conducted. The California Department of Transportation (Caltrans) and the U.C. Davis Institute of Transportation Studies *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol) (Caltrans 1997) were followed. CO hotspots are typically evaluated when (1) the LOS of an intersection or roadway decreases to LOS E or worse, (2) signalization and/or channelization is added to an intersection, and (3) sensitive receptors such as residences, schools, and hospitals are located in the vicinity of the affected intersection or roadway segment. The potential for CO hotspots was evaluated based on the results of the traffic report. The Northern Sierra Air Quality Management District indicates that if a traffic study is performed for a project, it should identify any intersection(s) that would fall at Level of Service D or higher under the project alone or cumulative development scenarios, a carbon monoxide analysis should be prepared using CO Protocol or Caline 4, as appropriate. The traffic study should evaluate project alone and cumulative Level of Service impacts to such intersections, taking into consideration other planned and existing projects that could affect traffic at those intersections.

For each scenario (existing plus cumulative projects plus total project and horizon year plus total project), the screening evaluation presents LOS with project improvements (mitigation), whether the recommended improvements (mitigation measures) are feasible, and whether a quantitative CO hotspots analysis may be required. According to the CO Protocol, there is a cap on the number of intersections that need to be analyzed for any one project. For a single project with multiple intersections, only the three intersections representing the worst LOS ratings of the project, and, to the extent they are different intersections, the three intersections representing the highest traffic volumes, need be analyzed. For each intersection failing a screening test as described in this protocol, an additional intersection should be analyzed (Caltrans 1997).

Table 1 shows a summary of the Project's LOS for all 23 intersections evaluated for the existing conditions and Table 2 shows horizon year 2035.

APPENDIX D (Continued)

Table 1
EPAP PLUS PROJECT –SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(OFF-PEAK HOURS)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM	
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay
1. Neal St / Tinloy St	Signal	A	5.0	A	8.6	A	6.8
2. S. Auburn St / Tinloy St	Signal	A	6.2	A	8.6	A	7.0
3. E. Bennett St / Tinloy St – SR 49 WB Off-Ramp	SB / WB Stop	A	3.8	A	6.4	A	4.1
4. E. Bennett St / Hansen Way – SR 49 EB On-Ramp	AWS	A	9.3	B	15.2	B	10.2
5. Main St / Idaho Maryland Rd - SR 49 WB Ramps	Roundabout	A	4.8	A	7.0	A	4.6
6. Idaho Maryland Rd / SR 49 EB Ramps	AWS	C	17.2	C	23.7	B	10.3
7. Idaho Maryland Rd / Railroad Ave	AWS	B	11.5	C	17.0	A	8.9
8. Main St / Brunswick Rd – W. Olympia Dr	Signal	A	6.1	B	13.5	A	9.0
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr	Signal	B	16.8	C	20.3	B	16.4
10. Brunswick Rd / SR 49 EB Ramps	Signal	A	8.7	B	14.0	A	8.8
11. Brunswick Rd / Sutton Way	Signal	A	5.3	C	22.1	A	9.6
12. Brunswick Rd / Idaho Maryland Rd	EB/WB Stop	A	8.2	A	9.2	A	8.2
NB Left		A	7.9	A	8.9	A	7.9
SB Left		B	11.5	B	14.3	B	11.3
EB		D	26.7	F	107.3	C	18.8
13. Brunswick Rd / Whispering Pines Ln	EB Stop	A	8.8	A	9.1	A	8.5
NB Left		B	11.5	B	14.9	B	11.2
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd	AWS	B	12.7	C	20.7	B	12.4
15. Brunswick Rd / SR 174	SB Stop	B	13.0	E	38.1	B	13.0
SB		A	7.7	A	7.8	A	7.4
EB Left							

APPENDIX D (Continued)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM	
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay
16. Brunswick Rd / Project Driveway NB Left EB	EB Stop	A B	7.8 11.5	A B	8.4 12.5	A B	8.2 11.7
17. E. Bennett Rd / Millsite Rd NB	NB Stop	A	8.5	A	8.7	A	8.6
Whispering Pines Ln / Centennial Site Driveway	NB Stop	Not Applicable					
18. Idaho Maryland Rd / Centennial Dr NB WB Left	NB Stop	B A	12.2 8.4	F A	112.3 8.5	B A	10.8 7.7
Idaho Maryland Rd / Sutton Way	AWS	A	8.5	B	14.3	A	8.5
Sutton Way / Dorsey Dr	AWS	A	8.2	C	15.7	A	9.3
Dorsey Dr / SR 49 EB Ramps	Signal	A	9.0	B	13.7	A	8.4
Dorsey Dr / SR 49 WB Ramps	Signal	A	6.1	B	15.6	A	7.3

Notes: AWS – All-way stop controlled intersection; MSSC – Minor Street Stop controlled intersection; LOS – Level of service.
Bold indicates a LOS of E or worse.

APPENDIX D (Continued)

Table 2
CUMULATIVE PLUS PROJECT – TO SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(OFF-PEAK HOURS)

<i>Location</i>	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM	
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay
1. Neal St / Tinloy St	Signal	A	7.2	A	9.7	B	12.4
2. S. Auburn St / Tinloy St	Signal	A	7.2	B	10.0	A	9.0
3. E. Bennett St / Tinloy St – SR 49 WB Off-Ramp	Signal	A	8.5	B	15.0	B	10.7
4. E. Bennett St / Hansen Way – SR 49 EB On-Ramp	Signal	B	10.9	B	12.9	B	10.2
5. Main St / Idaho Maryland Rd - SR 49 WB Ramps	Roundabout	A	5.3	A	8.4	A	5.0
6. Idaho Maryland Rd / SR 49 EB Ramps	Signal	B	13.3	B	19.6	B	12.0
7. Idaho Maryland Rd / Railroad Ave	Signal	B	11.7	B	19.4	B	12.4
8. Main St / Brunswick Rd – W. Olympia Dr	Signal	A	6.5	B	14.3	B	10.2
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr	Signal	B	17.7	B	17.8	B	16.4
10. Brunswick Rd / SR 49 EB Ramps	Signal	A	8.2	B	14.9	A	8.7
11. Brunswick Rd / Sutton Way	Signal	A	5.3	C	30.0	B	10.7
12. Brunswick Rd / Idaho Maryland Rd	Signal	B	18.5	C	33.0	B	18.8
13. Brunswick Rd / Whispering Pines Ln	EB Stop	A	8.7	A	9.4	A	8.5
NB Left		B	11.6	C	20.0	B	11.3
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd	AWS	B	13.0	D	27.2	B	12.6
15. Brunswick Rd / SR 174	Signal	B	13.3	B	13.7	B	11.1
16. Brunswick Rd / Project Driveway	EB Stop	A	7.8	A	8.5	A	8.1
NB Left		B	11.4	B	12.9	B	12.2
17. E. Bennett Rd / Millsite Rd	NB Stop	A	8.6	A	8.7	A	8.6
NB							
19. Idaho Maryland Rd / Centennial DR	Signal	A	6.6	B	11.5	A	7.4
20. Idaho Maryland Rd / Sutton Way	Signal	B	11.7	B	19.7	B	10.9
21. Sutton Way / Dorsey Dr	AWS	A	9.1	F	214.3	B	10.5
22. Dorsey Dr / SR 49 EB Ramps	Signal	A	8.7	B	15.3	A	9.3

APPENDIX D (Continued)

Location	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM	
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay
23. Dorsey Dr / SR 49 WB Ramps	Signal	A	5.8	B	17.6	A	8.5

Notes: AWS – All-way stop controlled intersection; MSSC – Minor Street Stop controlled intersection; LOS – Level of service.
Bold indicates a LOS of E or worse.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Brunswick&IdahoMaryland2019
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 797.1 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 8.8 PPM
SIGTH= 10. DEGREES TEMP= 7.9 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. WBRA	*	500	36	30	36	*	AG	27	4.4	0.0	33.0
B. WBTA	*	500	18	-30	18	*	AG	0	4.4	0.0	33.0
C. WBLA	*	500	-12	-18	-12	*	AG	49	4.4	0.0	33.0
D. WBD	*	-30	18	-500	18	*	AG	212	4.4	0.0	33.0
E. EBRA	*	-500	-12	30	-12	*	AG	200	4.4	0.0	33.0
F. EBTA	*	-500	-54	-18	-54	*	AG	0	4.4	0.0	33.0
G. EBLA	*	0	-36	500	-36	*	AG	0	4.4	0.0	33.0
H. EBD	*	12	-500	12	18	*	AG	136	4.4	0.0	33.0
I. NBLA	*	30	-500	30	-12	*	AG	211	4.4	0.0	33.0
J. NBTA	*	42	-500	42	-36	*	AG	478	4.4	0.0	33.0
K. NBRA	*	30	-12	30	500	*	AG	50	4.4	0.0	33.0
L. NBD	*	0	500	0	-36	*	AG	527	4.4	0.0	33.0
M. SBLA	*	-18	500	-18	-12	*	AG	86	4.4	0.0	33.0
N. SBTA	*	-30	500	-30	18	*	AG	464	4.4	0.0	33.0
O. SBRA	*	-18	-12	-18	-500	*	AG	1	4.4	0.0	33.0
P. SBD	*	-500	-36	0	-36	*	AG	691	4.4	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-40	25	5.9
2. SR2	*	40	45	5.9
3. SR3	*	-30	-60	5.9
4. SR4	*	50	-45	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Brunswick&IdahoMaryland2019
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED *	CONC/LINK									
	* BRG *	* CONC *	(PPM)									
	* (DEG) *	* (PPM) *	A	B	C	D	E	F	G	H		
1. SR1	* 8. *	* 9.2 *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	* 256. *	* 9.1 *	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	* 6. *	* 9.2 *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	* 277. *	* 9.3 *	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

RECEPTOR	*	CONC/LINK							
	*	(PPM)							
	* I J K L M N O P								
1. SR1	* 0.0 0.0 0.0 0.1 0.0 0.3 0.0 0.0								
2. SR2	* 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.1								
3. SR3	* 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.1								
4. SR4	* 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.2								

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Brunswick&SR1742019
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 870.2 (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 8.8 PPM
 SIGTH= 10. DEGREES TEMP= 7.9 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. WBRA	*	500	36	30	36	*	AG	108	4.4	0.0	33.0
B. WBTA	*	500	18	-30	18	*	AG	0	4.4	0.0	33.0
C. WBLA	*	500	-12	-18	-12	*	AG	357	4.4	0.0	33.0
D. WBD	*	-30	18	-500	18	*	AG	0	4.4	0.0	33.0
E. EBRA	*	-500	-12	30	-12	*	AG	0	4.4	0.0	33.0
F. EBTA	*	-500	-54	-18	-54	*	AG	0	4.4	0.0	33.0
G. EBLA	*	0	-36	500	-36	*	AG	0	4.4	0.0	33.0
H. EBD	*	12	-500	12	18	*	AG	357	4.4	0.0	33.0
I. NBLA	*	30	-500	30	-12	*	AG	0	4.4	0.0	33.0
J. NBTA	*	42	-500	42	-36	*	AG	186	4.4	0.0	33.0
K. NBRA	*	30	-12	30	500	*	AG	276	4.4	0.0	33.0
L. NBD	*	0	500	0	-36	*	AG	294	4.4	0.0	33.0
M. SBLA	*	-18	500	-18	-12	*	AG	81	4.4	0.0	33.0
N. SBTA	*	-30	500	-30	18	*	AG	205	4.4	0.0	33.0
O. SBRA	*	-18	-12	-18	-500	*	AG	0	4.4	0.0	33.0
P. SBD	*	-500	-36	0	-36	*	AG	542	4.4	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-40	25	5.9
2. SR2	*	40	45	5.9
3. SR3	*	-30	-60	5.9
4. SR4	*	50	-45	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 2

JOB: Brunswick&SR1742019
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*		* PRED	*	CONC/LINK								
	*	BRG	* CONC	*	(PPM)								
	*	(DEG)	* (PPM)	*	A	B	C	D	E	F	G	H	
-----	*		*	*	-----	-----	-----	-----	-----	-----	-----	-----	
1. SR1	*	12.	*	9.1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	*	188.	*	9.1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
3. SR3	*	10.	*	9.1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	*	347.	*	9.1	*	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

RECEPTOR	*	CONC/LINK							
	*	(PPM)							
	*	I	J	K	L	M	N	O	P
1. SR1	*	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
2. SR2	*	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3. SR3	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
4. SR4	*	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Brunswick&IdahoMaryland2019
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 762.0 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 8.8 PPM
SIGTH= 10. DEGREES TEMP= 7.9 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W
DESCRIPTION	*	X1	Y1	X2	Y2	* TYPE	VPH	(G/MI)	(FT)	(FT)
A. WBRA	*	500	36	30	36	* AG	0	4.4	0.0	33.0
B. WBTA	*	500	18	-30	18	* AG	403	4.4	0.0	33.0
C. WBLA	*	500	-12	-18	-12	* AG	12	4.4	0.0	33.0
D. WBD	*	-30	18	-500	18	* AG	648	4.4	0.0	33.0
E. EBRA	*	-500	-12	30	-12	* AG	120	4.4	0.0	33.0
F. EBTA	*	-500	-54	-18	-54	* AG	299	4.4	0.0	33.0
G. EBLA	*	0	-36	500	-36	* AG	0	4.4	0.0	33.0
H. EBD	*	12	-500	12	18	* AG	336	4.4	0.0	33.0
I. NBLA	*	30	-500	30	-12	* AG	245	4.4	0.0	33.0
J. NBTA	*	42	-500	42	-36	* AG	0	4.4	0.0	33.0
K. NBRA	*	30	-12	30	500	* AG	37	4.4	0.0	33.0
L. NBD	*	0	500	0	-36	* AG	0	4.4	0.0	33.0
M. SBLA	*	-18	500	-18	-12	* AG	0	4.4	0.0	33.0
N. SBTA	*	-30	500	-30	18	* AG	0	4.4	0.0	33.0
O. SBRA	*	-18	-12	-18	-500	* AG	0	4.4	0.0	33.0
P. SBD	*	-500	-36	0	-36	* AG	132	4.4	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-40	25	5.9
2. SR2	*	40	45	5.9
3. SR3	*	-30	-60	5.9
4. SR4	*	50	-45	5.9

JOB: Brunswick&IdahoMaryland2019
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

	*	CONC/LINK							
	*	(PPM)							
RECEPTOR	*	I	J	K	L	M	N	O	P
1. SR1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
4. SR4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Sutton&Dorsey2035
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 100. CM ALT= 791.9 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 8.8 PPM
SIGTH= 10. DEGREES TEMP= 7.9 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. WBRA	*	500	36	30	36	*	AG	0	1.4	0.0	33.0
B. WBTA	*	500	18	-30	18	*	AG	0	1.4	0.0	33.0
C. WBLA	*	500	-12	-18	-12	*	AG	0	1.4	0.0	33.0
D. WBD	*	-30	18	-500	18	*	AG	565	1.4	0.0	33.0
E. EBRA	*	-500	-12	30	-12	*	AG	441	1.4	0.0	33.0
F. EBTA	*	-500	-54	-18	-54	*	AG	0	1.4	0.0	33.0
G. EBLA	*	0	-36	500	-36	*	AG	133	1.4	0.0	33.0
H. EBD	*	12	-500	12	18	*	AG	0	1.4	0.0	33.0
I. NBLA	*	30	-500	30	-12	*	AG	426	1.4	0.0	33.0
J. NBTA	*	42	-500	42	-36	*	AG	418	1.4	0.0	33.0
K. NBRA	*	30	-12	30	500	*	AG	0	1.4	0.0	33.0
L. NBD	*	0	500	0	-36	*	AG	551	1.4	0.0	33.0
M. SBLA	*	-18	500	-18	-12	*	AG	0	1.4	0.0	33.0
N. SBTA	*	-30	500	-30	18	*	AG	379	1.4	0.0	33.0
O. SBRA	*	-18	-12	-18	-500	*	AG	139	1.4	0.0	33.0
P. SBD	*	-500	-36	0	-36	*	AG	820	1.4	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-40	25	5.9
2. SR2	*	40	45	5.9
3. SR3	*	-30	-60	5.9
4. SR4	*	50	-45	5.9

JOB: Sutton&Dorsey2035
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

[illegible]